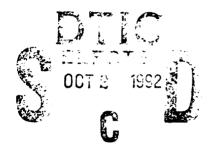


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FOR REVIEW AND DISCUSSION
SUBJECT TO CHANGE



# REVIEW OF HISTORICAL CASE-MIX INDICES AND THE IMPACT OF UPDATING TO THE VERSION 8 DRG GROUPER

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were computed base	d upon Version 4 and Vers	sion 8 Diagnosis Rel	ated Groups (DRGs)
and respective cas	e weights and Department	of Defense (DoD) tr	im points. Changes
in CMIs using Vers	ion 4 DRGs were examined	for FY 1985 through	FY 1990. In
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#### **FOREWORD**

This document presents a review of facility and Service branch casemix indices (CMIs) for the period FY85 through FY90 at military medical treatment facilities (MTFs) within the Military Health Services System (MHSS). CMI values were computed based upon Version 4 and Version 8 Diagnosis Related Groups (DRGs) and respective relative case weights and DoD trim points. Changes in CMIs using Version 4 DRGs were examined for FY85 through FY90. In addition, the impact of updating the grouper from Version 4 to Version 8 was evaluate at the DRG, Service branch, and facility level. This report was prepared under contract MDA93-88-C-0147. Questions or comments regarding this document should be directed to LTC Stuart Baker, OASD(HA) Resource Analysis and Management Systems, (703) 756-1918.

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#### 1.0 INTRODUCTION AND EXECUTIVE SUMMARY

This document presents an analysis of facility and Service branch case-mix indices (CMIs) for the period FY85 through FY90 at military medical treatment facilities (MTFs) within the Military Health Services System (MHSS). Additionally, CMI values computed using Version 4 and Version 8 Diagnosis Related Groups (DRGs), the associated case weights, and DoD trim points, were examined for FY90. The purpose of this review is twofold:

- · review trends in past case-mix complexity; and
- review the impact of updating to the Version 8 DRG Grouper.

The CMI represents the average case-mix complexity for a given set of inpatient dispositions. Exhibit 1-1 shows how RWPs and CMIs were computed using the Version 4 DRG Grouper. The Version 8 DRG Grouper was implemented in a similar manner. Additiona' detail related to implementing the Version 8 DRG Grouper is provided in Chapter 3.5 and Development of FY91 (Version 8) DoD Diagnosis Related Groups (DRG) Weights and Trim Points. Note that due to changes in grouper software the number of dispositions mapped into DRGs 469 and 470 differs. Therefore, the total number of dispositions used to compute RWPs will differ when comparing groupers. Further details concerning the computation of RWPs and CMIs is presented in Development of Cost Models to Support Diagnosis Related Management.

The remainder of this chapter provides an executive summary of the analysis results presented in this paper. Chapter 2.0 discusses the change in CMIs over time using only the Version 4 DRG Grouper. Chapter

<sup>1</sup>VRI-DMIS-2.60 WN91-4. Vector Research, Inc., 9 January 1992.

<sup>2</sup>VRI-UMIS-2.60 WP91-1(R), Vector Research, Inc., 7 November 1991.

#### **EXHIBIT 1-1: RWP AND CMI CALCULATION METHODOLOGY**

#### 1. Version of DRG Grouper: 4.0

#### 2. DRG Base Weights

• Taken primarily from CHAMPUS as published in the 1 September 198 Tederal Register and based upon CHAMPUS hospital claims for the period 1 July 1986 through 30 June 1987. HCFA version 4.0 weights, adjusted by a factor of 1.07927, were used for DRGs where CHAMPUS weights were not calculated (primarily psychiatric and substance abuse DRGs).

#### 3. Geometric Mean Length of Stay (GLOS) and Trim Point Calculation Methodology

- · eliminate zero bed day discharges;
- · eliminate one day transfer discharges;
- eliminate discharges where LOS is outside the 5th and 95th percentiles;
- form the natural logarithm of LOS;
- mpute mean and standard deviation of the logged LOS;
- compute logged trim points using plus and minus 1.96 standard deviations;
- unlog the logged trim points and mean to form the geometric mean LOS (GLOS) and preliminary trim points;
- if trim is more than 17 days from GLOS, change to exactly 17 days; and
- round low trim upward and high trim downward to nearest integer.

#### 4. Per Diem Weights

defined as the base DRG weight divided by the GLOS

#### 5. Relative Weighted Product (RWP) Calculation

Direct admissions and births not transferred out, and all transfer in cases:

- · inliers: credited with base DRG weight;
- short-stay outliers: 200 percent of the per diem weight for each day, with the total not to exceed the base weight and
- long-stay outliers: base weight plus 60 percent of the per diem weight for each day seyond the upper trim point.

#### Direct admissions and births that are transferred out:

- inliers and short-stay outliers: per diem weights for each day but with a total not to exceed the base DRG weight; and
- · long-stay outliers: base weight plus 60 percent per diem (as above).

#### Exceptions:

- DRGs 469 (invalid Dx) and 470 (not groupable):
  - -- no RWP credit
- DRGs 385 (neonates, died or transferred) and 456 (burns transferred to another acute care facility):
  - -- short-stay outliers treated as inliers.

#### 6. Case Mix Index (CMI) Calculation

CMI = RWPs / (Dispositions excluding DRGs 469 and 470)

3.0 examines the impact of replacing the Version 4 Grouper with the Version 9 0RG grouper and updated DRG weights.

#### 1.1 EXECUTIVE SUMMARY

Exhibit 1-2 presents CMIs by rvice branch from FY85 through FY90 using the Version 4 DRG Grouper. The DoD CMIs were relatively stable over time as the overall CMI increased by 5.8% between FY85 and FY90. Since these were also the fiscal years with the minimum and maximum CMI values respectively, the 5 8% represents the maximum range observed during the fiscal years reviewed.

A pattern comparable to that observed at the DoD level was found within each Service branch. The Army CMIs were relatively stable with a difference between the minimum and maximum CMI of 5.5% and an increase in average case-complexity of 5.4% between FY85 and FY90. Similarly, the Navy CMIs were determined to be relatively stable with both a range of 5.1% and an increase in CMI of 5.1% between FY85 and FY90. The Air Force had both a range of 6.0% and increase of 6.0% between FY85 and FY90. As may be seen in the exhibit, all Services reported a decrease in CMI between FY88 and FY89, but a relatively substantial increase in CMI between FY89 and FY90. More specifically, the Army CMI increased by 4.9% between FY89 and FY90, while the Navy and Air Force CMI increased 4.4% and 1.9% respectively. The change in CMIs over time using the Version 4 DRG Grouper is discussed in greater detail in chapter 2.0.

A number of reasons exist that may explain the observed increase in the average case-mix complexity between FY85 and FY90. For example, the transfer of less complex inpatient care to an ambulatory setting will

<sup>&</sup>lt;sup>1</sup>Brooke AMC (JMMC) no longer reports through the JMMC. Brooke, however, reported workload through the Army prior to FY87, and through the USAF from FY88 through FY91. All calculations in this document are based on Brooke being included in the USAF.

EXHIBIT 1-2: FY85-FY90 VERSION 4 DRG GROUPER CMIS BY SERVICE BRANCH

ı	FY85 CMI	FY86 CMI	FY87 CMI	FY88 CMI	FY89 CMI	FY90 CMI	FY85 TO FY90 %AGE CHANGE	RELATIVE RANGE*
Army **	0.8346	0.8349	0.8341	0.8457	0.8389	0.8800	5.4%	5.5%
Navy	0.7759	0.7865	0.7879	0.8107	0.7811	0.8158	5.1%	5.1%
Air Force **	0.8079	0.8254	0.8336	0.8421	0.8404	0.8567	%0.9	%0.9
Dod	0.8109	0.8213	0.8252	0.8371	0.8273	0.8581	5.8%	2.8%

<sup>\*</sup> The relative range is the percentage difference between the minimum and maximum CMI.

<sup>\*\*</sup> Workload for Brooke AMC is included within the Air Force for all fiscal years.

cause the CMIs to increase. The for a of this document, however, is a summarize changes in the CMIs. An investigation of all possible explanations for observed increases in CMIs, and the degree to which each explanation actually impacted the CMIs, is beyond the scope of this report.

Exhibit 1-3 displays CMIs by Service branch and model peer group and compares the results of using the Version 4 DRG Grouper versus the Version 8 DRG Grouper software and updated DRG weights. Note that updating from the Version 4 to Version 8 DRGs included updating all relative case weights and trim points, and implementing new DRGs such as the LJO series DRGs for neonates. Many of the assigned weights for mental health, psychiatric, substance abuse, and neonatal care increased substantially. Additional details concerning implementation of the Version 8 DRG Grouper and a comparison of DRG weights and trim points are provided in chapter 3.0.

Since the type of care provided at a medical center may be subtinally different from that provided at a CONUS or overseas hospital. there may exist a distinct difference in the impact of updating the DRG grouper on computed case-mix complexity. As seen in the exhibit, the overall increase in DoD computed case-complex / is 5.5%. The CMI for Air Force CONUS community hospitals, however, increased by only 0.4% while the CMI for Navy CONUS hospitals increased 10.7%. Additionally, the Navy CMI overall increased by 9.4% while the Army and Air Force CMIs increased by 5.0% and 3.6% respectively.

The observed differences in the impact on computed CMIs can be attributed somewhat to differences in the provision of care by Service branch and facility type. Exhibit 1-4 shows Version 4 and Version 8 DRG Grouper CMIs by major diagnostic category (MDC) summed over all MTFs.

Note the high degree of variation in changes in CMIs across MDCs. The

EXHIBIT 1-3: FY90 VERSION 4 AND VERSION 8 DRG GROUPER CMIs BY MODEL PEER GROUPS

SERVICE BRANCH/MODEL PEER GROUP	FY90 VERSION 4 CMI	FY90 VERSION 8 CMI	PERCENTAGE CHANGE FY90 VERSION 4 TO FY90 VERSION 8 CMI
ARMY*			
CONUS Community Hospitals	0.7184	0.7380	2.7%
Medical Centers	1.1659	1.2382	6.2%
Overseas Hospitals	0.7719	0.8277	7.2%
All Army Facilities	0.8800	0.9237	5.0%
NAVY			***************************************
CONUS Community Hospitals	0.7370	0.8160	10.7%
Medical Centers	0.9372	1.0156	8.4%
Overseas Hospitals	0.6874	0.7488	8.9%
All Navy Facilities	0.8158	0.8921	9.4%
USAF*			
CONUS Community Hospitals	0.6691	0.6715	0.4%
Medical Canters	1,1839	1.2587	6.3%
Overseas ⊣ospitals	0.7072	0.7357	4.0%
All USAF Facilities	0.8567	0.8876	3.6%
DoD			
	0.7052	0.7307	3.6%
CONUS Community Hospitals	1	1.1851	6.7%
	1,1104	1.1001	0 ,0
CONUS Community Hospitals Medical Centers Overseas Hospitals	1.1104 0.7383	0.7891	6.9%

<sup>\*</sup> Workload for Brooke AMC is included within the Air Force Medical Center peer group for all fiscal years.

EXHIBIT 1-4: FY90 VERSION 4 AND VERSION 8 DRG GROUPER DoD OVERALL CMIS BY MDC

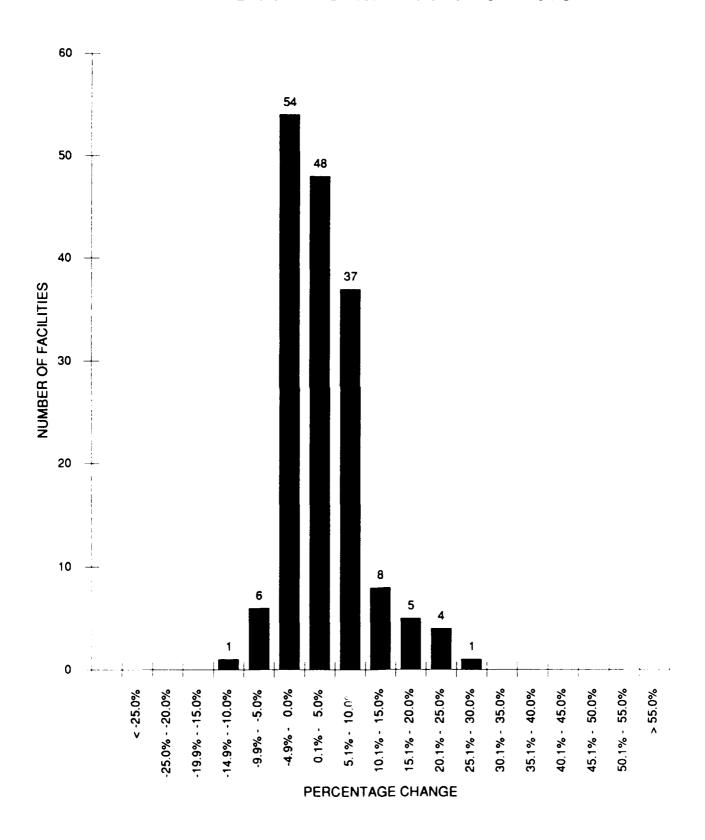
	MAJOR DIAGNOSTIC CATEGORY	VERSION 4 DISP	VERSION 4 RWPs	VERSION 8 DISP	VERSION 8 RWPs	VERSION 4 CMI	VERSION 8 CMI	%AGE CHANGE VERSION 4 TO VERSION 8 CMI
	Nervous System	29,515	36,478	29,182	40,090	1,2359	1.3738	11.2%
	Eye Disorders	16,181	11,373	16,162	12,052	0.7029	0.7457	6.1%
	Ear/Nose/Mouth/Thross	48,555	26,941	69,647	46,276	0.5548	0.6844	19.8%
	Respiratory System	41,003	50,485	40,710	49,542	1,2313	1.2169	-1.2%
	Ceculatory System	49,854	66,362	50,072	606'29	1.3311	1.3562	1.9%
	Digestive System	107,410	99,128	85,643	72,984	0.9229	0.8522	-7.7%
	Hepatobiliary System	14,377	21,025	14,299	19,617	1.4624	1.3719	-6.2%
	Musculoskeletal System	85,876	94,026	85,792	95,658	1.0949	1.1150	1.8%
	Skin/Subcutaneous Tissue	41,959	36,492	41,928	37,225	0.8697	0.8878	2.1%
	Endocrine/Nutritional	13,859	13,075	13,757	11,825	0.9434	0.8596	-8.9%
JĠ.	Kichay Linary Tract	21,666	22,273	21,653	21,266	1,0280	0.9821	.4.5%
∾	Mala Reproductive System	19,156	14,189	18,572	13,304	0.7407	0.7164	3.3%
t f	Female Reproductive System	42,570	33,910	42,543	33,455	0.796~	0.7864	-1.3%
4	Pregnancy/Chitchitti	135,381	78,880	135,227	69,492	0.5827	0.5139	-11.8%
	Neonatal/Perinetal Period	94,420	27,119	82,063	33,026	0.2872	0,3403	18.5%
	Blood/Immunity	8,382	10,952	6,811	8,256	1.3066	1.2122	-7.2%
	Myeloproliferative/Neoplasms	8,481	13,900	8,449	16,315	1.6390	1.9310	17.8%
	Infectious/Parasitic	16,434	14,032	15,828	14,271	0.8539	0 9016	2.6%
	Mental Disease/Disorder	20,734	25,646	20,681	48,913	1.2369	£51	91.2%
	Substance Use/Organic Mental	16,008	17,047	16,008	29,739	1.0649	1.8577	74.4%
46	triginy, Poison, Toxio Effects	15,178	16,039	14,141	13,090	1.0568	0.9256	-12.4%
o ii		1,238	2,805	1,236	2,656	2.1038	2.1489	3,7%
	Other Factors/Contacts	18,637	11,853	18,302	15,729	0.6360	0.8594	35.1%
	Multiple Significant Treams	٥	•	754	4,385	l	5.8155	*****
edu.	HIV intections	0		2,139	7,354		3.4381	
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average case complexity for a disposition within MDC 19-Mental Diseases and Courders increased by 9..2% while the CMI within MDC 21-Injury, Poisoning, and Toxic Effects of Drugs decreased by 12.4%. Additionally, care within MDC 14-Pregnancy, Childbirth and the Puerperium had a decline in average case complexity of 11.8%. Given these results, any facility or mode' peer group that does not provide care distributed in a manner similar to the DoD overall "average" may have a change in CMI that is substantially different from the DoD average.

An excellent example of differences in care provision impacting changes in CMI exists when comparing Navy CONUS hospital and Air Force CONUS hospital workload. Appendix A contains exhibits similar to exhibit 1-4 for all model peer groups. Exhibits A-4 and A-7 present Navy and Air Force CONUS hospital data respectively. The Navy hospitals had a predominantly higher proportion of total workload within MDCs 19 and 20 to the Air Force. More than 20% of 'workload in terms of relati Version 8 RWPs at Navy CONUS hospitals was within MDC 19-Mental Diseases and Disorders and MDC 20-Substance Use and Substance Induced Mental Disorders. Only 6% of Air Force CONUS hospital workload, however, was within these MDCs. Additionally, the CMIs within MDCs 19 and 20 increased substantially more within the Navy than the Air Force when comparing the two groupers. Therefore, with all other factors being essentially equal, the Navy CONUS hospital overall CMI increased more than the Air Force CONUS hospital CMI.

Exhibit 1-5 presents a histogram of the percentage change in facility CMIs when paring the Version 4 and Version 8 DRG Grouper and associated weights and trim points. Of the 164 MTFs reviewed, 145 had less than a 10% change in CMI. NH Lemoore (DMIS ID 28) had a 10.3% decline in CMI, USAF Hospital Hellenikon (DMIS ID 631) had a 28.8% increase in CMI, and 9 MTFs had between a 15% and 25% increase in CMI.

EXHIBIT 1-5: HISTOGRAM OF PERCENTA 3E CHANGE BETWEEN FY90 VERSION 4 AND FY90 VERSION 8 FACILITY CMIs



Therefore, relatively few facilities had a change in CMI substantially different than the 5.5% overall increase.

Since a general increase in the overall CMI was observed, updating to the Version 8 DRG Grouper and associated weights and trim points will generally increase computed workload and case-mix complexity values. To preserve comparability of RWPs, CMIs, and IWUs over time it may be necessary to adjust values computed using the Lersion 8 DRG Grouper to allow comparison to workload computed using the Version 4 DRG Grouper.

A CMI correction factor may be computed by assigning DRGs and computing RWPs and CMIs using two grouper versions and associated weights and trim points. A comparison of the resultant DOD overall CMIs will provide a DoD global adjustment factor. For example, the resulting FY90 DoD-wide CMI using the Version 4 DRG Grouper was 0.8581 and using the Version 8 DRG Grouper was 0.9052. The ratio of the Version 8 to Version 4 CMI is 1.0549, which indicates that on average each MTF had a CMI using the Version 8 Grouper that was approximately 5.5% higher strictly due to the fact that the grouper and associated weights and trim points were updated.

Therefore, in order to ensure that IWUs are consistent over time, a correction factor based upon this result may be incorporated when computing IWUs. The current basic formula for the computation of IWUs is:

Precisely speaking, the above definition is only accurate for IWUs based upon Version 4 DRGs and associated weights and trim points, whi were used in the original formulation of the IWU. In order to correct for observed changes in case-mix due to grouper updates, a correction factor may be added to the definition of the IWU. Thus, the updated generic IWU definition would be:

where the

This definition of the IWU is generic in the sense that it is not sensitive to the DRG Grouper version with which the CMI is computed, whereas the former definition should only be applied to CMIs computed using the Version 4 DRG Grouper. Applying this definition of the IWU to FY90 data would essentially reduce the computed IWUs at each facility by 5.5%. Similarly, the corresponding correction factor for each DRG grouper update must be calculated whenever the grouper and/or associated weights and trim points are updated.

Note that while the global adjustment factor preserves comparability of IWUs over time at the aggregate DoD level, the global adjustment does not compensate for changes at the facility level. For example, while on average the DoD CMI increase by 5.5% when comparing results from the Version 4 and Version 8 DRG Groupers, Navy CONUS hospitals CMIs on average increased by 10.7%. In addition, NH Lemoore (DMIS ID 28) had a 10.3% decreas in its CMI while NH Orlando had a 22.9% increase in its CMI. Therefore, an analysis at the facility or peer group level, even after compensating for the update at the global level, could demonstrate a notable change in observed IWUs strictly due to the grouper update.

Thus, there exists a tradeoff between frequently updating or maintaining the same DRG grouper and associated weights and trim points. While it is presumed that a more recent grouper will incorporate rapidly changing medical practice, policy, relative costs, and efficiency, continuously updating the basis for measuring workload could impact facility or peer group-level time series analyses. The issues identified and

data presented in this document will assist analysts in identifying change in workload strictly due to updates in workload measures. Caution must be exercised, however, when workload meas es obtained from different DRG groupers are compared over time or employed as inputs to previously established models.

#### 2.0 EVALUATION OF CASE-MIX INDICES OVER TIME

This chapter presents a review of Service branch, model peer group, and facility case-mix indices (CMIs) over time using the Version 4 Diagnosis Related Group (DRG) Grouper and associated weight and DoD trim points. The following analysis is based on relative weighted products (RWPs) and CMIs computed in the manner previously described in exhibit 1-1. Section 2.1 provides a summary view of Service branch CMIs between FY85 and FY90. Section 2.2 presents a more in-depth evaluation of FY88 through FY90 CMIs at the model peer group and facility level.

#### 2.1 REVIEW OF FY85-FY90 VERSION 4 DRG GROUGER SERVICE BRANCH CMIS

Exhibit 2-1 presents CMIs by Service branch from FY85 through FY90 using the Version 4 DRG Grouper. Note that while Brooke AMC (JMMC) reported Biometrics workload through the Army from FY85 through FY87, and the Air Force from FY88 through FY90, all calculations include Brooke AMC within the Air Force. The DoD CMIs were relatively stable over time as the CMI increased by 5.8% between FY85 and FY90. Additionally, the relative difference between the minimum and maximum CMI value was 5.8%. A pattern similar to that observed at the DoD level was found within each Service branch. The Army CMIs were quite stable with a relative range of 5.5% and an increase of 5.4% between FY85 and FY90. Comparably, the Navy CMIs was determined to be relatively stable with both a range of 5.1% and an increase of 5.1% between FY85 and FY90. The Air For ad both a range of 6.0% and increase of 6.0% between FY85 and FY90. As may be seen in the graph, all Services reported a decrease in CMIs from FY88 to FY89 and a relatively substantial increase in CMIs between FY89 and FY90. More specifically, the Army CMI increased 4.9%

EXHIBIT 2-1: FY85-FY90 VERSION 4 DRG GROUPER CMIS BY SERVICE BRANCH

	FY85 CMI	FY86 CMI	FY87 CMI	FY88	FY89 CMI	FY90 CMI	%AGE CHANGE FY85 TO FY90	RELATIVE RANGE
Army **	0.8346	0.8349	0.8341	0.8457	0.8389	0.8800	5.4%	5.5%
Navy	0.7759	0.7865	0.7879	0.8107	0.7811	0.8158	5.1%	5.1%
Air Force **	0.8079	0.8254	0.8336	0.8421	0.8404	0.8567	%0.9	%0.9
QQQ	0.8109	0.8213	0.8252	0.8371	0.8273	0.8581	5.8%	5.8%

<sup>\*</sup> The relative range is the percentage difference between the minimum and maximum CMI.

<sup>\*\*</sup> Workload for Brooke AMC (JMMC) is included within the Air Force for all fiscal years.

between FY89 and FY90, while the Navy and Air Force CMI increased 4.4% and 1.3% respectively.

A number of reasons exist that may explain the observed changes in the average case-mix complexity. For example, the transfer of less complex inpatient care into an ambulatory setting will cause the CMIs to increase. Additionally, changes in the demographics of the beneficiary population served, including caring for a proportionally higher number of retirees and their dependents, who tend to require more complex care. will cause the observed CMIs to increase. Also, changes in methods of assigning diagnoses and procedures at MTFs, due to DRG optimization, may increase observed CMIs. The focus of this paper, however, is to review changes in the CMIs, and a complete investigation of all possible explanations for the observed increase in the CMIs and the degree to which these explanations impact the change in CMIs is beyond the scope of this document. The next section focuses on FY88 through FY90 facility and model peer group CMIs.

#### 2.2 REVIEW OF VERSION 4 DRG GROUPER PEER GROUP AND FACILITY CMIS

This section presents a more in-depth review of cMI at the facility and model peer group level. Exhibit 2-2 presents FY88 through FY9° CMI by model peer group. As previously mentioned, generally CMIs increased between FY89 and FY90 and Army medical centers displayed the greatest increase in CMI. The only peer group that had a decrease in its CMI between FY89 and FY90 was the FYF Force overseas hospital peer group. Additionally, the only peer groups that displayed an increase in CMI between FY88 and FY89 were Army and Air Force overseas hospitals. The net result when FY88 and FY90 were compared, was that the general increase in CMIs between FY89 and FY90, combined with an overall decrease between

EXHIBIT 2-2: FY88-FY90 VERSION 4 DRG GROUPER CMIS BY MODEL PEER GROUP

SERVICE BRANCH/MODEL PEER GROUP	FY88 VERSION 4 CMI	FY89 VERSION 4 CMI	FY90 VERSION 4 CMI	%AGE CHANGE FY88 TO FY89 CMI	%AGE CHANGE FY89 TO FY90 CMI	%AGE CHANGE FY88 TO : Y90 CMI
ARMY*						
CONUS Community Hospitals Medical Centers	0.7106	0.6988	0.7184	-1.7%	2.8%	1.1%
Overseas Hospitals All Army Facilities	0.7306 0.8457	0.8389	0.7719	.0.8%	3.8% % <b>9</b>	5.7% 4.1%
NAVY						
CONUS Community Hospitals	0.7234	0.7136	0.7370	-1.4%	3 3%	1.9%
Medical Centers	0.9629	0.9068	0.9372	-5.8%	.0 .0	-2.7%
Overseas Flospitals All Navy Facilities	0.6629	0.6543	0.8874 0.8158	-1.3%	5.0% 4.4%	3.7% 0.6%
USAF*						
CONUS Community Hospitals	0.6679	0.6624	0.6691	%8·0-	1.0%	0.5%
Medical Centers	1.1889	1.1566	1.1839	-2.7%	2.4%	-0.4%
Overseas Hospitals All USAF Facilities	0.8421	0.7207 <b>0.8404</b>	0.7072 0.8567	0.5% -0.2%	-1.9% <b>1.9%</b>	-1.4% 1.7%
DoD						
CONUS Community Hospitals	0.6973	0.6891	0.7052	-1.2%	2.3%	1.1%
Medical Centers	1.0931	1.0663	1.1104	-2.5%	4.1%	1.6%
Overseas Hospitals	0.714	0.7198	0.7383	%8.0	2.6%	3.4%
All Facilities of the second o	0.8371	0.8273	0.8581	-1.2%	3.7%	2.5%

\* Workload for Brooke AMC (JMMC) is included within the Air Force Medical Center peer group for all fiscal years

FY88 and FY89, resulted in relatively stable CMIs for all peer groups during this time period.

In general, CMIs for nearly all of the 165 facilities reviewed were found to be relitively stable, also. Only 1 facility had greater than a 15% change (increase or decrease) in its CMI between FY88 ...: FY89 and only 10 facilities had greater than a 15% change in their CMI between FY89 and FY90. Additionally, less than 10 facilities had greater than a 15% change between FY88 and FY90. Exhibits 2-3 through 2-5 are histograms of the percentage change in CMIs. Each exhibit presents the number of facilities that had a percentage change in CMI within the given range. Exhibit 2-3 compares FY88 and FY89 CMIs, exhibit 2-4 compares FY89 and FY90 CMIs, and exhibit 2-5 compares FY88 and FY90 CMIs. As in previous exhibits, a positive percentage value indicates an increase in the CMI, e.g., when comparing the FY88 and FY90 CMI a percentage change of 5.0% indicates that the CMI increased 5.0% between FY88 and FY90.

Exhibits 2-6 through 2-8 present facility CMIs for Army, Navy, and Air Force facilities respectively. The facilities are separated by model peer group and displayed in DMIS ID order within each peer group. Additionally, exhibits 2-9 through 2-11 provide the same information for Army, Navy, and Air Force MTFs respectively. Exhibits 2-9 through 2-11, however, present the MTFs within each peer group sorted by change in CMI between FY88 and FY90 to facilitate identifying MTFs that displayed greater variability in their CMIs.

Two facilities that displayed extr e changes in CMIs were NH Rota (DMIS ID 618) and 8th Medical Group-Kunson AB (DMIS ID 637). At both facilities FY90 CMIs were more than 40% greater than respective CMIs in either FY88 or FY89. NH Rota reported greater than a 40.0% increase in utilization in terms of bed days between FY89 and FY90 which may have been due to a change in services available at the facility. At Kunson

EXHIBIT 2-3: HISTOGRAM OF PERCENTAGE CHANGE BETWEEN FY88 VERSION 4 AND FY89 VERSION 4 FACILITY CMI

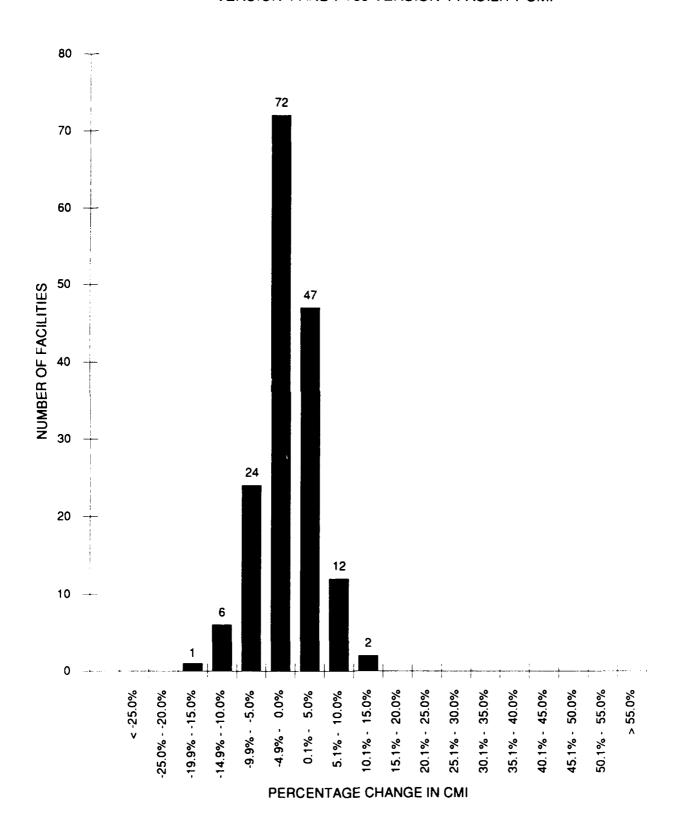


EXHIBIT 2-4: HISTOGRAM OF PERCENTAGE CHANGE BETWEEN FY89 VERSION 4 AND FY90 VERSION 4 FACILITY CMI

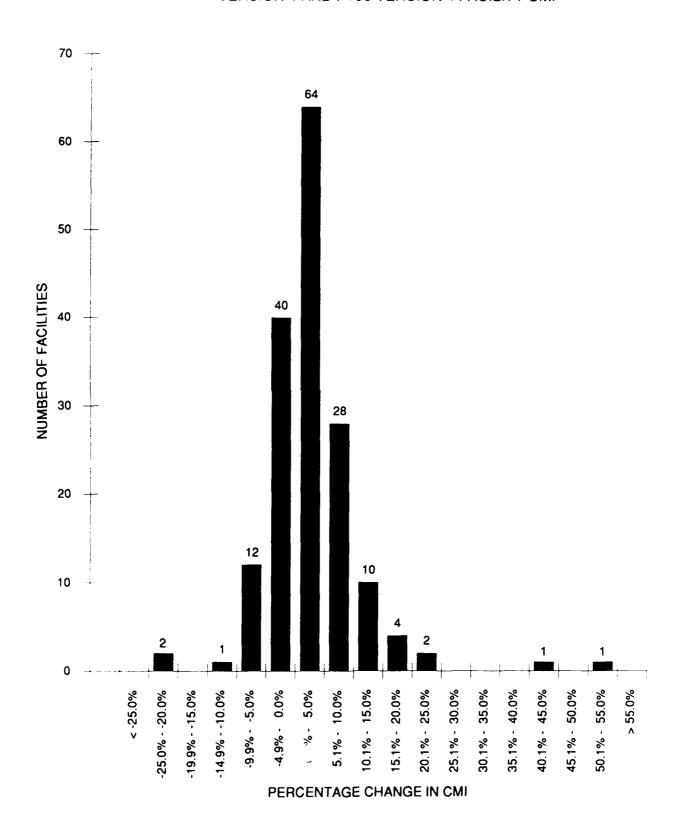


EXHIBIT 2-5: HISTOGRAM OF PERCENTAGE CHANGE BETWEEN FY88 VERSION 4 AND FY90 VERSION 4 FACILITY CMI

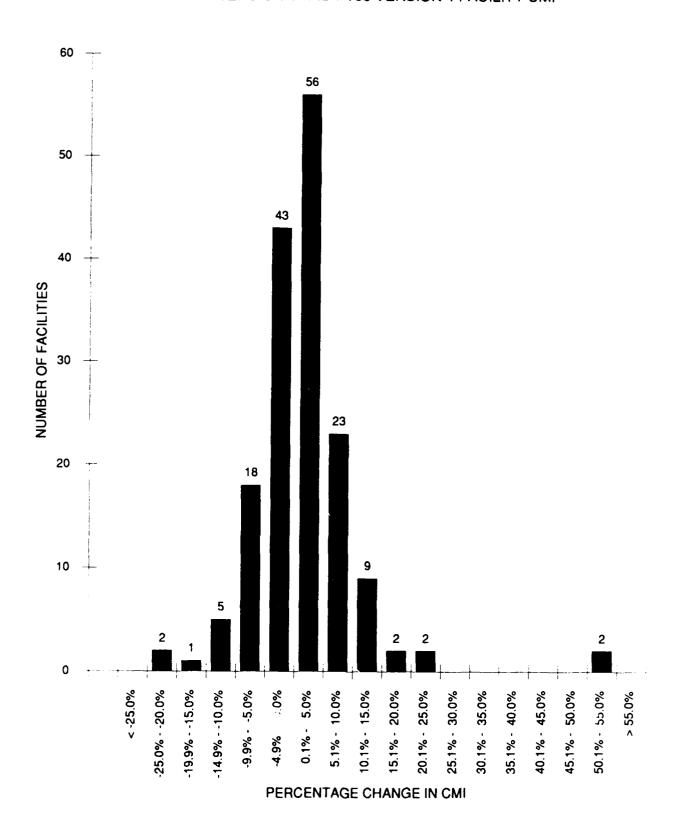


EXHIBIT 2-6: FY88-FY90 ARMY FACILITY VERSION 4 GROUPER CMI (BY PEER GROUP SORTED ON DMIS ID)

		FY88	FY89	. Y90	%AGE CHANGE FY88 TO	%AGE CHANGE FY89 TO	%AGE CHANGE FY8 3 TO
		VERSION 4	VERSION 4	VERSION 4	FY89	FY90	FY90
DWIS ID	FACILITY	CMI	CMI	CMI	VERSION 4 CMI	VERSICN 4 CMI	VERSION 4 CMI
<del>,</del>	FOX AH-REDSTONE ARSENAL	0.8048	0.7783	0.7656	-3.3%	.1.6%	<b>4</b> .0%
CV)	NOBLE AH-FT MCCLELLAN	0.7289	0.7277	0.7207	-0.2%	.1.0%	%
m	LYSTER AH-FT RUCKER	0.6589	0.6605	0.6838	0.2%	3.5%	3.8%
S	BASSETT ACH-FT WAINWRIGHT	0.5873	0.5975	0.6131	1.7%	2.6%	4.4%
60	BLISS AH-FT HUACHUCA	0.6865	0.6598	0.7201	-3.9%	9.5%	4.9%
83	HAYS AH-FT ORD	0.6770	0.6572	0.6704	-2.9%	2.0%	-1.0%
æ	EVANS AH-FT CARSON	0.6976	0.6678	0.8677	-4.3%	0.0%	4.3%
\$	MARTIN AH-FT BENNING	0.8184	0.7868	0.8417	3.8%	7.0%	2.9%
49	WINN AH FT STEWART	0.6665	0.6284	0.6436	.5.7%	2.4%	-3.4%
22	IRWIN AH-FT RILEY	0.6593	0.6910	0.6797	4.8%	-1.6%	3.1%
88	MUNSON AH-FT LEAVENWORTH	0.6822	0.7471	0.8275	9.5%	10.8%	21.3%
9	BLANCHFIELD ACH-FT CAMPBELL	0.7221	0.7318	0.8310	1.3%	13.6%	15.1%
61	IRELAND AH-FT KNOX	0.7188	0.7306	0.7191	1.7%	.1.6%	%0.0
3	BAYNE-JONES AH-FT POLK	0.6352	0.6330	0.6239	-0.3%	-1.4%	-1,8%
8	KIMBROUGH AHFT MEADE	0.8550	0.7993	0.8512	-6.5%	6.5%	-0.4%
20	CUTLER AH-FT DEVENS	0.7829	0.7195	0.7036	-8.1%	-2.2%	-10.1%
75	WOOD AH-FT LEONARD WOOD	0.7174	0.7381	0.7347	2.9%	0.5%	2.4%
<b>8</b>	PATTERSON AH-FT MONMOUTH	0.8300	0.7460	0.7467	-10.1%	0.1%	.10.0%
8	WALSON AH-FT DIX	0.9371	0.7919	0.7880	-15.5%	-0.5%	-15.9%
<b>\$</b>	KELLER A.: WEST POINT	0.6806	0,6547	0.6972	.3.8%	6.5%	2.4%
8	WOMACK AH-FT BRAGG	0.7290	0.7093	0.7360	-2.7%	3.8%	1.0%
86	REYNOLDS AH-FT SILL	0.6709	0.6989	0.7439	4.2%	6.4%	10.9%
105	MONCRIEF AH-FT JACKSON	0.7427	0.7473	0.8367	%9:0	12.0%	12.7%
110	DARNALL AH-FT HOOD	0.6561	0.6273	0.6401	-4.4%	2.0%	.2.4%
22	MCDONALD AH-FT EUSTIS	0.7118	0.7319	0.7129	2.8%	-2.6%	0.1%
122	KENNER AH-FT LEE	0.7160	0.7789	0.7320	8.8%	-6.0%	2.2%
<u> </u>	DEWITT AH-FT BELVOIR	0.6601	0.6361	0.6517	-3.6%	2.5%	-1.3%
131	WEED ACH-FT IRWIN	0.5601	0.6032	0.5416	7.7%	-10.2%	-3.3%
294	HAWLEY AH-FT B. HARRISON	0.6 /	0.6848	0.6767	8.1%	-1.2%	6.8%
330	WILCOX AH/C FT DRUM	ļ	0.5250	0.4000	į	-23.8%	1
	Total Army CONUS Community Hospitals	0.7106	0.6988	0.7184	-1.7%	2.8%	1.1%

EXHIBIT 2-6: FY86-FY90 ARMY FACILITY VERSION 4 GOOUPER CMI (BY PEER GROUP SORTED ON DMIS ID) (Concluded)

VERSION 4   VERS			FY8c	FY89	FY90	%AGE CHANGE FY88 TO	%AGE CHANGE FY89 TO	%AGE UHANGE FY88 TO
ETTESIMAN AMC-PRESIDIO OF SF FTZSIMONS AMC-DENVER         1.4572         1.4536         1.4572         0.454         0.454           FTZSIMONS AMC-DENVER         1.2678         1.2678         1.2673         1.267         0.954         9.2%           FTZSIMONS AMC-DENVER         1.2676         1.1048         1.2673         1.272         0.95%         9.2%           WALTER REED AMC-MARINGTON         1.0667         1.1048         1.1048         1.1048         1.1047         3.6%         4.4%           TRIPLE RAMC-FT SHAFTER         0.910         0.9042         0.9843         0.9870         -2.2%         1.6%           WADIGAN AMC-FT BLISS         0.8679         0.8844         0.9870         -2.2%         1.6%         2.7%           AMDIGAN AMC-FT LEWIS         0.8679         0.8844         0.9870         -2.2%         16.3%           AMDIGAN AMC-FT LEWIS         0.8679         0.7857         0.717         0.717         0.717         0.717           AMDIGAN AMC-FT LEWIS         0.7620         0.7560         0.7567         0.7569         0.757         0.757         0.757         0.757         0.758         0.757         0.758         0.775         0.775         0.775         0.775         0.775         0.775 <th< th=""><th>OI SIMO</th><th>FACILITY</th><th>VERSION 4</th><th>VERSION 4</th><th>VERSION 4</th><th>FY89 VERSION 4 CMI</th><th>FY90 VERSION 4 CMI</th><th>FY90 VERSION 4 CMI</th></th<>	OI SIMO	FACILITY	VERSION 4	VERSION 4	VERSION 4	FY89 VERSION 4 CMI	FY90 VERSION 4 CMI	FY90 VERSION 4 CMI
### FITZBINCNIS AMC-DENVER  ### I.2678  ##	8	LETTERMAN AMC-PRESIDIO OF SF	1.4130	1,4572	1.4636	3,1%	0.4%	3.6%
WALTER REED AMC-WASHINGTON         1.4692         1.4071         1.4693         -1.2%         4.4%           EISEMIOWER AMC-FT GORDON         1.0667         1.1048         1.1247         3.6%         1.8%           TRIPLER AMC-FT SHERS         0.9120         0.9045         0.9643         0.89%         5.5%           WILLIAM BEAUNONT AMC-FT BLISS         0.8642         0.8643         0.8976         -2.2%         16.3%           WILLIAM BEAUNONT AMC-FT BLISS         0.8642         0.8943         0.8184         0.0%         2.7%           MADIGAN AMC-FT LEWIS         0.8942         0.8943         0.8184         0.0%         2.7%           Jotal Army Medical Centers         1.0985         1.0864         1.1659         -1.1%         7.3%           Jotal Army Medical Centers         0.7597         0.7242         0.7489         -4.7%         2.4%           Ash BEALIN         0.7690         0.7567         0.7609         -4.7%         2.2%           Apth FIELD HOSP-BREWERHAVEN         0.6802         0.6649         0.7893         -4.1%         3.2%           And GENERAL HOSP-HEIDELLBERG         0.6556         0.6648         0.7795         -4.7%         2.2%           And GENERAL HOSP-WILLIAMEN         0.6556 <t< td=""><td>31</td><td>FITZSIMONS AMC-DENVER</td><td>1.2678</td><td>1.2563</td><td>1.3723</td><td>-0.9%</td><td>9.2%</td><td>8.2%</td></t<>	31	FITZSIMONS AMC-DENVER	1.2678	1.2563	1.3723	-0.9%	9.2%	8.2%
EISENHOWER AMC-FT GORDON         1.0667         1.1048         1.1247         3.6%         1.8%           TRIPLER AMC-FT SHATTER         0.9459         0.9453         0.9543         0.98%         5.5%           WALLIAM BEAUNCHT SHATTER         0.9642         0.9484         0.9943         0.9870         2.2%         15.5%           WALLIAM BEAUNCHT AMC-FT BLISS         0.8642         0.8843         0.9870         0.22%         15.5%           WALLIAM BEAUNCHT AMC-FT BLISS         0.8642         0.8843         0.9184         0.09%         2.2%         15.5%           AMDIGAN AMC-FT LEWIS         0.0862         0.8643         0.7162         0.7419         -4.7%         7.3%           34th GENERAL HOSP-BAD CANNSTATT         0.7620         0.7600         0.7857         -0.3%         3.4%           AH BERLIN         0.7620         0.7600         0.7787         -1.1%         2.2%         3.2%           97th GENERAL HOSP-BAD CANNSTATT         0.6802         0.6644         0.7089         -3.5%         8.0%           AH BERLIN         0.6802         0.6654         0.7769         -3.7%         2.7%         2.7%           97th GENERAL HOSP-MEIDELBERG         0.6558         0.6628         0.6740         0.6740 <t< td=""><td>37</td><td>WALTER REED AMC-WASHINGTON</td><td>1.4692</td><td>1.4071</td><td>1.4693</td><td>-4.2%</td><td>4.4%</td><td>%0:0</td></t<>	37	WALTER REED AMC-WASHINGTON	1.4692	1.4071	1.4693	-4.2%	4.4%	%0:0
TRIPLER AMC-FT SHAFTER         0.9120         0.9045         0.9543         -0.8%         5.5%           WILLIAM BEALWONT AMC-FT BLISS         0.8679         0.844         0.9870         -2.2%         16.3%           MADIGAN AMC-FT LEWIS         0.8679         0.8943         0.8970         -2.2%         16.3%           AMDIGAN AMC-FT LEWIS         0.8679         0.8943         0.9184         0.0%         2.7%         1.7%           Total Army Medical Centers         1.0985         1.0864         1.1659         -1.1%         7.3%           34th GENERAL HOSP-BAD CANINSTATT         0.7597         0.7742         0.7419         -4.7%         2.4%           AH BERLIN         2nd FIELD HOSP-BAD CANINSTATT         0.7600         0.77857         -0.3%         3.2%           37th GENERAL HOSP-BREMERHAVEHIT         0.7603         0.6543         0.7775         2.1%         2.2%           37th GENERAL HOSP-BREMERHAVEHIT         0.7603         0.6543         0.7775         2.1%         2.2%           37th GENERAL HOSP-HEIDELBERG         0.6543         0.6543         0.6740         0.7775         2.1%         2.2%           37th GENERAL HOSP-HEIDELBERG         0.6542         0.6743         0.6740         0.7753         2.1%         2.2%	47	EISENHOWER AMC-FT GORDON	1.0667	1.1048	1.1247	3.6%	1.8%	5.4%
WRLIAM BEAUMONT AMC-FT BLISS         0.8643         0.8943         0.9970         -2.2%         16.3%           WADIGAN AMC-FT LEWIS         0.8942         0.8943         0.9184         0.907         2.7%           Total Army Medical Centers         1.0985         1.0864         1.1659         -1.1%         2.7%           34th GENERAL HOSP-BAD CANNSTATT         0.7520         0.7242         0.7419         -4.7%         2.4%           34th GENERAL HOSP-BAD CANNSTATT         0.7820         0.7242         0.7419         -4.7%         2.4%           34th GENERAL HOSP-BAD CANNSTATT         0.7820         0.7724         0.7089         -3.5%         8.0%           AH BERLIN         AH BERLIN         0.6407         0.6145         0.6343         -4.1%         3.2%           37th GENERAL HOSP-FRANKFURT         0.7453         0.7773         2.1%         2.2%         1.7%         2.2%           37th GENERAL HOSP-LEIDELBERG         0.6558         0.6658         0.6574         0.7773         2.1%         2.2%           37th GENERAL HOSP-LEIDELBERG         0.6558         0.6578         0.6740         0.5730         4.5%         2.7%           36th FIELD HOSP-WINDSTUHL         0.8421         0.6791         0.7775         2.1%	52	TRIPLER AMC-FT SHAFTER	0.9120	0.9045	0.9543	-0.8%	5.5%	4.6%
MADIGAN AMC,FT LEWIS         0.8942         0.8943         0.9184         0.0%         2.7%           Total Army Medical Centers         1.0985         1.0864         1.1659         -1.1%         7.3%           34th GENERAL HOSP-BAD CANNSTATT         0.7520         0.7242         0.7419         -4.7%         2.4%           5th GENERAL HOSP-BREMERHAVEN         0.7620         0.7600         0.7857         -0.3%         3.4%           AH BERLIN         0.6407         0.6544         0.7089         -3.5%         8.0%           AH BERLIN         0.6407         0.6543         -4.7%         2.2%           AH BERLIN         0.6407         0.6545         0.7089         -3.5%         8.0%           AH BERLIN         0.6407         0.6545         0.6343         -4.1%         3.2%           AM BERLIN         0.6407         0.6545         0.6543         -4.1%         3.2%           AM BERLIN         0.6407         0.6543         -4.1%         3.2%           AM BERLIN         0.6407         0.6543         -4.1%         3.2%           AM GENERAL HOSP-HANK-URT         0.6556         0.6556         0.6740         1.1%         1.7%           ASH FIELD HOSP-WURTBURG         0.6510	8	WILLIAM BEAUMONT AMC-FT BLISS	0.8679	0.8484	0.9870	-2.2%	46.3%	13.7%
Total Army Medical Centers         1.0985         1.0864         1.1659         -1.1%         7.3%           34th GENERAL HOSP-AUGSBURG         0.7527         0.7242         0.7419         -4.7%         2.4%           5th GENERAL HOSP-BAD CANNSTATT         0.7620         0.7600         0.7857         -0.3%         3.4%           AH BERLIN         0.6802         0.6564         0.7089         -3.5%         8.0%           AH BERLIN         0.6802         0.6564         0.7089         -3.5%         8.0%           AH BERLIN         0.6802         0.6564         0.7089         -3.5%         8.0%           AH BERLIN         0.6802         0.6604         0.7089         -3.5%         8.0%           97th GENERAL HOSP-HEIDELBERG         0.6566         0.6740         1.1%         2.2%           2nd GENERAL HOSP-HEIDELBERG         0.6566         0.6740         1.1%         1.7%         1.7%           2nd GENERAL HOSP-HEIDELBERG         0.656         0.6791         0.9079         4.3%         4.3%         16.8%           2nd GENERAL HOSP-WIRDERG         0.6512         0.6791         0.7933         4.3%         1.3%         4.3%           6th EVACLUATION HOSP-WIRDELG         0.6219         0.6209         <	23	MADIGAN AMC-FT LEWIS	0.8942	0.8943	0.9184	0.0%	2.7%	2.7%
34th GENERAL HOSP-AUGSBURG         0.7597         0.7242         0.7199         -4.7%         2.4%           5th GENERAL HOSP-BAD CANNSTATT         0.7620         0.7609         0.7857         -0.3%         3.4%           AH BERLIN         0.6802         0.6564         0.7089         -3.5%         8.0%           AH BERLIN         0.6407         0.6145         0.6343         -4.1%         2.2%           2nd FIELD HOSP-BREMERHAVEN         0.6407         0.6145         0.6343         -4.1%         2.2%           2nd GENERAL HOSP-FRANKFURT         0.7453         0.7608         0.7775         2.1%         2.2%           3nd GENERAL HOSP-FRANKFURT         0.6558         0.6628         0.6740         1.1%         1.7%           2nd GENERAL HOSP-HEIDELBERG         0.6559         0.6791         0.7775         1.1%         1.7%           2nd GENERAL HOSP-HEIDELBERG         0.6559         0.6791         0.7733         4.3%         16.8%           3nd GENERAL HOSP-HEIDELBERG         0.6512         0.6791         0.7826         0.6209         4.3%         16.8%           45th FIELD HOSP-VICENZA         0.7809         0.7826         0.7826         0.7775         2.7%         2.7%           40AGAS ACH         0		Total Army Medical Centers	1.0985	1.0864	1.1659	.1.1%	7.3%	6.1%
Sih GENERAL HOSP-BAD CANNSTATT         0.7620         0.7600         0.7857         -0.3%         3.4%           AH BERLIN         C.6802         0.6564         0.7089         -3.5%         8.0%           2nd FIELD HOSP-BREMERHAVEN         0.6407         0.6145         0.6343         -4,1%         3.2%           2nd GENERAL HOSP-FRANKFURT         0.7453         0.7606         0.7775         2.1%         2.2%           130th STATN HOSP-HEIDELBERG         0.6568         0.6628         0.6740         1.7%         1.7%           2nd GENERAL HOSP-HEIDELBERG         0.6512         0.6791         0.9793         4.3%         1.7%           2nd GENERAL HOSP-HEIDELBERG         0.6512         0.6791         0.7933         4.3%         1.6 8%           2nd GENERAL HOSP-NURNBERG         0.6512         0.6791         0.7933         4.3%         1.6 8%           2nd GENERAL HOSP-WURZBURG         0.6512         0.6791         0.7829         2.1%         2.2%           45th EVACUATION HOSP-WURZBURG         0.6219         0.6209         0.782         2.7%         2.7%           45th ELD HOSP-SHAPE         0.7469         0.7439         0.7719         1.8%         2.7%           10al Army Overseas Hospitals         0.7439	601	34th GENERAL HOSP-AUGSBURG	0.7597	0.7242	0.7419	-4.7%	2.4%	-2.3%
AH BERLIN         O.6802         O.6564         0.7089         -3.5%         8.0%           2nd FIELD HOSP-BREMERHAVEN         0.6407         0.6145         0.6343         -4.1%         3.2%           30th GENERAL HOSP-FRANKFURT         0.7453         0.7608         0.7775         2.1%         2.2%           30th GENERAL HOSP-HEIDELBERG         0.6568         0.6628         0.6740         1.1%         1.7%           2nd GENERAL HOSP-HEIDELBERG         0.6512         0.6791         0.9079         4.3%         1.7%           2nd GENERAL HOSP-NURBERG         0.6512         0.6791         0.7933         4.3%         16.8%           677H ENADYICENZA         0.6219         0.6793         0.7333         4.3%         16.8%           677H ENLD HOSP-NURZBURG         0.6219         0.6219         0.6219         0.6219         0.738         2.7%         7.5%           46th FIELD HOSP-VICENZA         0.7268         0.7268         0.7268         0.7268         0.7779         4.5%         2.7%         2.7%           4004GAS ACH         0.7268         0.7268         0.6673         0.677         0.677         0.677         0.677         0.677         0.677         0.677         0.677         0.677         0.677	602	5th GENERAL HOSP-BAD CANNSTATT	0.7620	0.7600	0.7857	-0.3%	3.4%	3.1%
2nd FIELD HOSP-BREMERHAVEN         0.6145         0.6343         -4.1%         3.2%           97th GENERAL HOSP-FRANKFURT         0.7453         0.7608         0.7775         2.1%         2.2%           130th STATN HOSP-FRANKFURT         0.7453         0.7775         2.1%         2.2%           130th STATN HOSP-HEIDELBERG         0.6558         0.8628         0.6740         1.1%         1.7%           2nd GENERAL HOSP-HEIDELBERG         0.6512         0.6791         0.8781         0.9079         4.3%         1.68%           2nd GENERAL HOSP-LANDSTUHL         0.8421         0.6791         0.7933         4.3%         1.6.8%           2nd GENERAL HOSP-NURNBERG         0.6512         0.6791         0.7933         4.3%         1.6.8%           67th EVACUATION HOSP-WURZBURG         0.5940         0.6064         0.5819         2.2%         2.7%           45th FIELD HOSP-WURZBURG         0.77825         0.8282         0.8504         4.5%         2.7%           45th FIELD HOSP-SHAPE         0.6276         0.6279         0.6279         0.7439         0.7719         1.8%         3.8%           Total All Army Cacilities         0.7306         0.7439         0.7719         0.8%         4.6%	603	AH BERLIN	0.6802	0.6564	0.7089	-3.5%	8.0%	4.2%
97th GENERAL HOSP-FRANKFURT         0.7453         0,7658         0,7775         2.1%         2.2%           130th STATN HOSP-HEIDELBERG         0.6556         0,6628         0,6740         1,1%         1,7%         1,7%           2nd GENERAL HOSP-LANDSTUHL         0.8421         0.8781         0.9079         4,3%         1,68%           3eth GENERAL HOSP-LANDSTUHL         0.6512         0.6791         0.7933         4,3%         16.8%           9eth GENERAL HOSP-NURBERG         0.6512         0.6791         0.7933         4,3%         16.8%           67th EVACUATION HOSP-WURZBURG         0.5940         0.6064         0.5819         2.1%         -4.0%           45th FIELD HOSP-VICENZA         0.7469         0.7268         0.7782         2.7%         7.5%           45th FIELD HOSP-VICENZA         0.7769         0.7782         0.7769         2.7%         7.5%           45th FIELD HOSP-VICENZA         0.7782         0.6276         0.6276         0.6276         0.6276         0.6573         0.95%         7.3%           196TH STATION HOSP-SHAPE         0.7306         0.7439         0.7719         1.8%         4.6%           Total Army Overseas Hospitals         0.7306         0.7439         0.7719         0.8% <td< td=""><td>\$</td><td>2Nd FIELD HOSP-BREMERHAVEN</td><td>0.6407</td><td>0.6145</td><td>0.6343</td><td>*1**</td><td>3.2%</td><td>-1.0%</td></td<>	\$	2Nd FIELD HOSP-BREMERHAVEN	0.6407	0.6145	0.6343	*1**	3.2%	-1.0%
130th STATN HOSP-HEIDELBERG         0.6556         0.6628         0.6740         1.1%         1.7%           2nd GENERAL HOSP-LANDSTUHL         0.8421         0.8781         0.9079         4.3%         3.4%           98th GENERAL HOSP-NURNBERG         0.6512         0.6791         0.7933         4.3%         16.8%           98th GENERAL HOSP-NURNBERG         0.6512         0.6791         0.7933         4.3%         16.8%           67th EVACUATION HOSP-NURZBURG         0.5940         0.6064         0.5819         2.1%         4.0%           45th FIELD HOSP-NURZBURG         0.5219         0.6208         2.2%         2.3%           45th FIELD HOSP-NURZBURG         0.7469         0.7826         0.782         2.7%         7.5%           45th FIELD HOSP-NURZBURG         0.7469         0.782         0.782         2.7%         7.5%           45th FIELD HOSP-NURZBURG         0.7469         0.782         0.776         0.8504         4.5%         2.7%           40AGAS ACH         0.77439         0.7719         1.8%         3.8%           Total Army Overseas Hospitals         0.7306         0.7439         0.7719         1.8%         4.9%           Total Army Facilities         0.8457         0.8389         0.7719 <td>8</td> <td>97th GENERAL HOSP-FRANKFURT</td> <td>0.7453</td> <td>0.7608</td> <td>0.7775</td> <td>2.1%</td> <td>2.2%</td> <td>4.3%</td>	8	97th GENERAL HOSP-FRANKFURT	0.7453	0.7608	0.7775	2.1%	2.2%	4.3%
2nd GENERAL HOSP-LANDSTUHL       0.8421       0.8781       0.9079       4.3%       3.4%         98th GENERAL HOSP-NURNBERG       0.6512       0.6791       0.7933       4.3%       16.8%         98th GENERAL HOSP-NURNBERG       0.6512       0.6791       0.7933       4.3%       16.8%         67th EVACUATION HOSP-NURZBURG       0.5940       0.6064       0.5819       2.1%       -4.0%         45th FIELD HOSP-NICENZA       0.7469       0.7268       0.7822       -2.7%       7.5%         45th FIELD HOSP-NICENZA       0.7469       0.7828       0.7822       -2.7%       7.5%         4CARGAS ACH       0.7925       0.8282       0.8504       4.5%       2.7%         1967H STATION HOSP-SHAPE       0.6276       0.6219       0.6673       0.9%       7.3%         Total Army Overseas Hospitals       0.7306       0.7439       0.7719       1.8%       4.9%         Total Army Facilities       0.8457       0.8389       0.8800       0.88       4.9%	909	130th STATN HOSP-HEIDELBERG	0.6558	0,6628	0.6740	***************************************	<b>%</b>	2.8%
98th GENERAL HOSP-NURNBERG 0.6512 0.67th EVACUATION HOSP-WURZBURG 0.5940 0.6064 0.5919 2.1% -4.0% 67th EVACUATION HOSP-WURZBURG 0.6219 0.6219 0.7268 0.7268 0.7268 0.7268 0.7268 0.7268 0.7268 0.7268 0.7268 0.7278	607	2nd GENERAL HOSP-LANDSTUHL	0.8421	0.8781	0.9079	4.3%	3.4%	7.8%
67th EVACUATION HOSP-WURZBURG 0.5940 0.6064 0.5819 2.1% -4.0% 4.5th FIELD HOSP-WURZBURG 0.6256 0.6208 2.2% -2.3% 7.5% 7.5% 7.5% 0.7925 0.7922 2.7% 7.5% 7.5% 0.7925 0.6219 0.6573 0.9504 4.5% 2.7% 7.5% 7.5% 196TH STATION HOSP-SHAPE 0.6276 0.6219 0.6673 0.9% 7.3% 7.3% 7.439 0.7719 1.8% 3.8% 7.44 7.54 1.8% 0.7306 0.7439 0.7719 1.8% 0.8% 4.6% 7.5% 7.3% 7.54 1.8% 7.3% 7.3% 7.3% 7.3% 7.3% 7.3% 7.3% 7.3	809	98th GENERAL HOSP-NURNBERG	0.6512	0.6791	0.7933	4.3%	16.8%	21.8%
46h FIELD HGSP-VICENZA         0.6219         0.6356         0.6208         2.2%         -2.3%           121st EVACUATION HOSP-SECUL         0.7469         0.7268         0.7822         -2.7%         7.6%           GCHGAS ACH         0.7925         0.6219         0.8504         4.5%         2.7%           196TH STATION HOSP-SHAPE         0.6276         0.6219         0.6673         -0.9%         7.3%           Total Army Overseas Hospitals         0.7306         0.7439         0.7719         1.8%         3.8%           Total All Army Facilities         0.8457         0.8389         0.8800         -0.8%         4.9%	609	67th EVACUATION HOSP-WURZBURG	0.5940	0.6064	0.5819	2.1%	-4.0%	-5.0%
f21st EVACUATION HOSP-SECUL         0.7869         0.7268         0.7822         -2.7%         7.6%           GORGAS ACH         0.7925         0.6282         0.8504         4.5%         2.7%           196TH STATION HOSP-SHAPE         0.6276         0.6219         0.6673         -0.9%         7.3%           Total Army Overseas Hospitals         0.7306         0.7439         0.7719         1.8%         3.8%           Total All Army Facilities         0.8457         0.8389         0.8800         -0.8%         4.9%	611	45th FIELD HOSP-VICENZA	0.6219	0,6356	0.6208	% 200	.2.3%	.0.2%
GCHGAS ACH         4.5%         2.7%           196TH STATION HOSP-SHAPE         0.6276         0.6219         0.6673         -0.9%         7.3%           Total Army Overseas Hospitals         0.7306         0.7439         0.7719         1.8%         3.8%           Total All Army Facilities         0.8457         0.8389         0.8800         -0.8%         4.9%	612	121st EVACUATION HOSP-SECUL	0.7469	0.7268	0.7822	-2.7%	7.6%	4.7%
196TH STATION HOSP-SHAPE 0.6276 0.6219 0.6673 -0.9% 7.3%  Total Army Overseas Hospitals 0.7306 0.7439 0.7719 1.8% 3.8%  Total All Army Facilities 0.8457 0.8389 0.8800 -0.8% 4.9%	613	GORGASACH	0.7925	0.8282	0.8504	****	2.7%	7.3%
ospitals 0.7306 0.7439 0.7719 1.8%	614	196TH STATION HOSP-SHAPE	0.6276	0.6219	0.6673	%6:0-	7.3%	6.3%
.0 8457 0 8389 0 8457 0		Total Army Overseas Hospitals	0.7306	0.7439	0.7719	1.8%	3.8%	5.7%
		Total All Army Facilities	0.8457	0.8389	0.8800	%8 <sup>.</sup> 0-	4.9%	4.1%

EXHIBIT 2-7: FY88-FY90 NAVY FACILITY VERSION 4 GROUPER CMI (BY PEER GROUP SORTED ON DMIS ID)

		FY88	FY89	၁	%AGE CHANGE FY88 TO	%AGE CHANC. FY89 TO	%A \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
		VERSION 4	VERSION 4	vERSION 4	FY89	FY90	F.Y90
DIMIS ID	D FACILITY	CMI	CMI	CMI	VERSION 4 CMI	VERSION 4 CMI	VERSION 4 CMI
,	BRH NAVSTA ADAK	0.5648	0.5510	0,5568	-2.4%	1.1%	-1.4%
54	NH CAMP PENDLETON	0,7540	0.7322	0.7342	.2.9%	0.3%	-2.6%
XI.	NH LONG BEACH	9006.0	0.8707	0.9548	-3.3%	9.7%	6.0%
28	NH LEMOORE	0.5921	0.5443	0.6019	-8.1%	10.6%	1.7%
30	BRH MGAGCC TWENTY NINE PALMS	0.5034	0.5062	0.5317	%9:0	2.0%	2.6%
35	NH GROTON	0.6585	0.7184	0.7736	9.1%	7.7%	17.5%
8	NH PENSACOLA	0.7807	0.8954	0.8299	14.7%	-7.3%	6.3%
8	NH JACKSONVILLE	0.6814	0.6932	0.7202	1.7%	3.9%	5.7%
\$	NH OFILANDO	0.7864	0.7510	0.7322	-4.5%	-2.5%	-6.9%
26	NH GREAT LAKES	0.8357	0.7665	0.9236	-8.3%	20.5%	10.5%
89	NH PATUXENT RIVER	0.5223	0.5426	0.5015	3.9%	.7.6%	-4.0%
91	NH CAMP LEJEUNE	0.7018	0.6651	0.7323	-5.2%	10.1%	4.3%
85	NH CHERRY POINT	0.4854	0.5007	0.5124	3.1%	2.3%	5.6%
86	NH PHILADELPHIA	0.7867	0.7863	0.7246	0.0%	.7.9%	-7.9%
5	NH NEWPORT	0.7984	0,7957	0.7972	-0.3%	0.2%	%Z'0-
103	NH CHARLESTON	0.7134	0.7082	0.7442	-0.7%	5.1%	4.3%
104	NH BEAUFORT	0.7226	0.7370	0.7440	2.0%	%6.0	3.0%
107	NH MILLINGTON	0.6863	0.6746	0.6378	-1.7%	-5.5%	-7.1%
118	NH CORPUS C.	0.9207	0.8022	0.8378	.12.9%	4.4%	%0.6-
126	AT BREMERTON	0.7520	0.7164	0.7192	-4.7%	0.4%	-4.4%
127	NH OAK HARBOR	0.5591	0.5504	0.5292	1.5%	-3.8%	-5.3%
	Total Navy CONUS Community Hosp.	0.7234	0.7136	0.7370	.1.4%	3.3%	1.9%
12	NHOAKLAND	0.8741	0.8688	0.9064	.0.6%	4.3%	3.7%
8	NHSANDIEGO	0.9551	0.9291	0.9360	-2.7%	0.7%	-2.0%
29	NHBETHESDA	1.1223	0.9926	1,1197	.11.6%	12.8%	.0.2%
124	NH PORTSMOUTH	0.9252	0.8583	0.8457	-7.2%	-1.5%	-8.6%
	Total Navy Medical Centers	0.9629	0.9068	0.9372	-5.8%	3.4%	-2.7%

EXHIBIT 2-7: FY88-FY90 NAVY FACILITY VERSION 4 GROUPER CMI (BY PEER GROUP SORTED ON DMIS ID) (Concluded)

					<b>%AGE CHANGE</b>	<b>%AGE CHANGE</b>	%AGE CHANGE
		FY88	FY89	FY90	FY88 TO	FY89 TO	F Y88 TO
		<b>VERSION 4</b>	<b>VERSION 4</b>	<b>VERSION 4</b>	FY89	FY90	FY90
DWIS ID	D FACILITY	CM	CMI	CMI	VERSION 4 CMI	VERSION 4 CMI	VERSION 4 CMI
615	NH GUANTANAMO BAY	0.6092	0.6099	0.6134	0.5	0.6%	\$ <u> </u>
616	NH ROOSEVELT ROADS-CEIBA	0.6531	0.6949	0,7051	6.4%	1.5%	8,0%
617	NEWPLES	0.6178	0.5983	0.6043	.3.2%	1.0%	-2.2%
618	NH ROTA	0.6036	0.6504	0.9227	7.7%	41.9%	52.9%
619	NH SUBIC BAY	0.6600	0.6605	0.6779	0.1%	2.6%	2.7%
620	NH GUAM-AGANA	0.6449	0.6679	0.6816	3.6%	2.0%	5.7%
621	NH OKUNAWA	0.7049	0.6496	0.6653	.7.8%	2.4%	,5,6%
622	NH YOKOSUKA	0.7052	0.6681	0.7092	-5.3%	6.2%	%9'0
623	NH KEFLAVIK	0.6292	0,6057	0.5577	3.7%	-7.9%	-11.4%
624	BRH USNAF, SIGONELLA	0.4633	0.4304	0.5175	-7.1%	20.2%	11.7%
	Total Navy Overseas Hospitals	0.6629	0.6543	0.6874	-1.3%	2.0%	3.7%
	Total All Navy Facilities	0.8107	0.7811	0.8158	-3.7%	4.4%	%9:0

EXHIBIT 2-8: FY88-FY90 AIR FORCE FACILITY VERSION 4 GROUPER CIV... (BY PEER GROUP SORTED ON DMIS ID)

		FY88	FY89	FY90	%AGE CHANGE FY88 TO	%AGE CHANGE FY89 TO	%AGE CHANGE
		VERSION 4	VERSION 4	VERSION	FY89	FY90	FY90
DI SIMO	FACILITY	CMI	CMI	CMI	VERSION 4 CMI	VERSION 4 CMI	VEHSION 4 CMI
4	AIR UNIVERSITY RGN HOSP-MAXWELL	0.7536	0.7236	0.7628	4.0%	5. %	1.2%
g	USAF HOSP ELMENDORF	0.7551	0.7182	0.6943	%6.₩	-3.3%	8.1%
o	832nd MED GRP-LUKE	0.6695	0.6668	0.6714	-0.4%	0.7%	0.3%
0	836th MED GRP-DAVIS MONTHAN	0.6635	0.6278	0.6633	-5.4%	5.7%	%0.0
=	USAF HOSP WILLIAMS	0.5327	0.5531	0.5617	3.8%	1.5%	5.4%
12	97th STRAT HOSP-EAKER	0.5743	0.5638	0.5809	-1.8%	3.0%	1.1%
13	USAF HOSP LITTLE ROCK	0.6623	0.6684	0,6571	9.60	-1.7%	-0.8%
15	9th STRAT HOSP-BEALE	0.5879	0.5937	0.5681	1.0%	-4.3%	-3.4%
16	USAF HOSP MATHER	0.6812	0.6681	0.7317	*1.9%	9.5%	7.4%
17	93rd STRAT HOSP-CASTLE	0.5698	0.5418	0.5361	-4.9%	-1.0%	-5.9%
18	1st STRAT HOSP-VANDENBERG	0.8302	0.8154	0.6442	-1.8%	-21.0%	-22.4%
19	USAF HOSP EDWARDS	0.6126	0.6046	0.5934	-1.3%	-1.8%	-3.1%
ୡ	831st MED GAP-GEORGE	0.5984	0.5897	0.5817	-1.5%	-1.4%	-2.8%
5	22nd STRAT HOSP-MARCH	0.8064	0.8111	0.7503	%9'0	-7.5%	.7.0%
89	USAF ACADEMY HOSP	0.6810	0.7216	0.6892	6.0%	-4.5%	1.2%
	USAF HOSP DOVER	0.5970	0.5772	0.6126	-3.3%	6.1%	5.6%
45	USAF RGN HOSP EGLIN	0.7221	0.7669	0.7518	6.2%	-2.0%	4.1%
£	325th MED GRP-TYNDALL	0.6561	0.6613	0.6801	%8:0	5.9%	3.7%
	31st MED GRP-HOMESTEAD	0.6593	0.6786	0.6872	2:9%	1.3%	4.2%
<b>4</b>	56th MED GRP-MACDILL	0.6711	0,6652	0.6780	%6.0.	1,9%	1.0%
9	USAF HOSP PATRICK	0.7055	0.7406	0.7999	2.0%	8.0%	13.4%
20	347th MED GRP-MOODY	0.6544	0.6272	0.7271	-4.2%	15.9%	11.1%
51	USAF HOSP ROBINS	0.6505	0.6248	0.6578	-4.0%	5.3%	1.1%
83	366th MED GRP-MOUNTAIN HOME	0.5796	0.5538	0.5916	-4.4%	6.8%	2.1%
2	USAF HOSP CHANUTE	0.8395	0.7873	0.7859	-6.2%	-0.2%	-6.4%
20	384th STRAT HOSP-MCCONNELL	0,7293	0.7368	0.7167	1.0%	-2.7%	-1.7%
62	2nd STRAT HOSP-BARKSDALE	0.6742	0.6771	0.6816	0.4%	0.7%	1.1%
ន	23rd MED GRP-ENGLAND	0.6434	0.6624	0.7341	3.0%	10.8%	14.1%
65	42nd STRAT HOSP-LORING	0.5697	0.5745	0.5586	0.8%	-2.8%	.1.9%
71	379th STRAT HOSP-WURTSMITH	0.5530	0.5479	0.6231	%6.0-	13.7%	12.7%
22	410th STRAT HOSP-K.I.SAWYER	0.5523	0.5634	0.5537	2.0%	-1.7%	0.3%

EXHIBIT 2-8: FY88-FY90 AIR FORCE FACILITY VERSION 4 GROUPEH CMI (BY PEER GROUP SORTED ON DMIS ID) (Continued)

					%AGE CHANGE	%AGE CHANGE	%AGE CHANGE
		FY88	FY89	FY90	FY88 TO	FY89 TO	Y88 TO
		<b>VERSION 4</b>	<b>VERSION 4</b>	VERSION 4	FY89	FY90	F Y 90
OMIS ID	FACILITY	CMI	CM	CMI	VERSION 4 CMI	VERSION 4 CMI	VERSION 4 CMI
74	LISAF HOSP COLLINERS	0.7257	0 6853	0.7318	5.6%	28 S	%80
. ¥.	351st STRAT HOSP-WHITEMAN	0.5828	0.5265	0.5163	%/ o.	701.	.11.4%
1	341st STRAT HOSP.MAI MSTROM	0.6427					
78	EHRLING BERQUIST RGN HOSP-OFFUTT	0.6730	0.6496	0.6514	-3.5%	0.3%	-3.2%
Ø.	554th MED GRP-NELLIS	0.5999	0.6428	0.6084	7.1%	-5.3%	1.4%
80	509th STRAT HOSP-PEASE	0.6383	0.6190	0.6559	.3.0%	%0'9	2.8%
88	USAF HOSP KIRTLAND	0.8394	0.7830	0.7777	-6.7%	-0.7%	-7.3%
2	833rd MED GRP-HOLLOMAN	0.5793	0.5402	0.5771	-6.7%	6.8%	.0.4%
88	27th MED GRP-CANNON	0.5915	0.5874	0.6105	-0.7%	3.9%	3.2%
87	380th STRAT HOSP-PLATTSBURGH	0.7467	0.7624	0.6951	2.1%	-8.8%	%6.9-
88	416th STRAT HOSP-GRIFFISS	0.5656	0.5333	0.5449	-5.7%	2.2%	-3.7%
8	4th MED GRP-SEYMOUR JOHNSON	0.5594	0.5555	0.5860	.0.7%	5.5%	4.8%
8	842nd STRAT HOSP-GRAND FORKS	0.5400	0.5312	0.5495	-1.6%	3.4%	1.8%
3	857th STRAT HOSP-MINOT	0.6719	0.6407	0.6908	.4.6%	7.8%	2.8%
<b>%</b>	USAF HOSP TINKER	0.6380	0.6217	0.5952	-2.6%	-4.2%	-6.7%
26	USAF HOSP ALTUS	0.6009	0.5829	0.5954	-3.0%	2.1%	%6:0-
101	363rd MED GRP-SHAW	0.6046	0.6003	0.5875	-0.7%	-2.1%	-2.8%
102	354th MED GRP-MYRTLE BEACH	0.7560	0.8018	0.7942	6.1%	%6'0-	5.1%
106	44th STRAT HOSP-ELLSWORTH	0.5616	0.5450	0.5470	-3.0%	0.4%	-2.6%
111	USAF HOSP REESE	0.8018	0.6847	0.6176	-14,6%	%8.6°	-23.0%
112	96th STRAT HOSP-DYESS	0.6088	0.5878	0.5939	-3.4%	1.0%	-2.5%
113	USAF RGN HOSP SHEPPARD	0.8854	0.9167	0.9208	3.5%	0.4%	4.0%
114	USAF HOSP LAUGHLIN	0.5877	0.5511	0.5386	-6.2%	-2.3%	-8.4%
115	67th MED GAP-BERGSTROM	0.7009	0.7560	0.7455	7.9%	-1.4%	6.4%
116	R. THOMPSON STRAT HOSP-CARSWELL	0.7956	0.8119	0.8226	2.0%	1.3%	3.4%
119	USAF HOSP HILL	0.6292	0.6131	0.6308	-2.6%	2.9%	0.2%
120	1st MED GRP-LANGLEY	0.6008	0.5942	0,5465	.1.1%	%O.8-	%0.6-
128	92nd STRAT HOSP-FAIRCHILD	0.6409	0.6595	0.6888	2.9%	4.4%	7.5%
129	90th STRAT HOSP-F.E. WARREN	0.6024	0.5543	u.5725	-8.0%	3.3%	-5.0%
	Total USAF CONUS Commingty Hospitals	0.6679	0.6624	0.6691	%80-	1 0%	%0 0
					<u>.</u>	2	: ! :

EXHIBIT 2-8: FY88-FY90 AIR FORCE FACILITY VERSION 4 GROUPER CMI (BY PEER GROUP SORTED ON DMIS ID) (Concluded)

OMIS ID	FACILITY	FY88 VERSION 4 CMI	FY89 VERSION 4 CMI	FY90 VERSION 4 CMI	%AGE CHANGE FY88 TO FY89 /ERSION 4 CMI	%AGE CHANGE FYR9 TO J VERSION 4 CMI	%AGE CHANGE 1 Y88 TO FY90 VERSION 4 CMI
7	DAVID GRANT MED CTR-TRAVIS	1.1743	1.0503	1.0364	.10.6%	-1.3%	-11.7%
<b>35</b>	USAF MED CTR SCOTT	0.9282	0.9162	0.9242	-1.3%	%6:0	-0.4%
99	MALCOM GROW MED CTR.ANDREWS	1.0197	0.9187	1.0337	%6′€-	12.5%	1.4%
23	UCAE MED CTR KEESLER	1.1199	1.1348	1.1821	1.3%	4.2%	2.6%
8	L MED CTR WRIGHT-PATTERSON	1.0110	0.9739	1.0835	-3.7%	11.3%	7.2%
109	BROOKE AMC (JMMC)-FT SAM HOUSTON	1.2968	1.2944	1.3264	-0.2%	2.5%	2.3%
117	WILFORD HALL MED CTR-LACKLAND	1.3513	1.3172	1.3052	-2.5%	%6:0-	-3.4%
	Total USAF Medical Centers	1.1889	1.1566	1.1839	-2.7%	2.4%	-0.4%
929	USAF HOSP BITBURG	0.5638	0.5061	0.5388	-10.2%	6.5%	4.4%
627	USAF HOSP HAHIN	0.5632	0.5322	0.5202	-5.5%	-2.3%	.7.6%
628	USAF AGN MED CTR WIESBADEN	0.8224	0.8207	0.8464	-0.2%	3.1%	2.9%
629	USAF HOSP LAJES	0.5118	0.4630	0.5448	-9.5%	17.7%	6.5%
630	USAF HOSP TORREJON	0.6574	0.6068	0.6193	-7.7%	2.1%	-5.8%
631	USAF HOSP HELLENIKON	0.6701	0.6795	0.6793	1.4%	0.0%	1.4%
632	USAF HOSP UPPER HEYFORD	0.6125	0.5797	0.5880	-5.4%	1.4%	4.0%
633	USAF RGN HOSP LAKENHEATH	0.6089	0.6171	0.6404	1.3%	3.8%	5.2%
<b>53</b>	USAF HOSP IRAKLION	0.5833	0.5746		-1.5%		•
635	USAF HOSP INCIRLIK	0.6353	0.6666	0.6844	4.9%	2.7%	7.7%
929	13th MED CENTER-CLARK AB	0.8788	0.9738	0.8800	10.8%	%9.6-	0.1%
637	8th MED GRP-KUNSON AB	0.5926	0.5902	0.9000	-0.4%	52.5%	51.9%
638	51st MED GRP-OSAN AB	0.7015	0.6703	0.6669	-4.5%	-0.5%	-4.9%
638	432th NED GRP-MISAWA		0.5298	0.5413		2.2%	***
S S	475th MED GHP-YOKOTA AB	0.6552	0.6408	0.6468	-2.2%	%8.0	-1.3%
	Total USAF Overseas Hospitals	0.7170	0.7207	0.7072	0.5%	.1.9%	-1.4%
	Total All USAF Facilities	0.8421	0.8404	0.8567	-0.2%	1.9%	1.7%

EXHIBIT 2-9: FY88-FY90 ARMY FACILITY VERSION 4 GROUPER CMI (BY PEER GROUP SORTED ON FY88 TO FY90 PERCENTGE CHANGE)

		FY88	FY89	FY90	%AGE CHANGE FY88 TO	%AGE CHANGE FY89 TO	%AG: CHANGE FY88 TO
DIMIS ID	FACILITY	CMI	CMI	CMI	VERSION 4 CMI	VERSION 4 CMI	VERSION 4 CMI
88	MUNSON AH-FT LEAVENWORTH	0.6822	0.7471	0.8275	9.5%	10.8%	21.3%
9	BLANCHFIELD ACH-FT CAMPBELL	0.7221	0.7318	0.8310	1.3%	13.6%	15.1%
105	MONCRIEF AH-FT JACKSON	0,7427	0.7473	0.8367	0.6%	12.0%	12.7%
86	REYNOLDS AH-FT SILL	0.6709	0.6989	0.7439	4.2%	6.4%	10.9%
294	HAWLEY AH-FT B. HARRISON	0.6337	0.6848	0.6767	8.1%	-1.2%	6.8%
80	BLISS AH-FT HUACHUCA	0.6865	0.6598	0.7201	-3.9%	9.5%	4.9%
so.	BASSETT ACH-FT WAINWRIGHT	0.5873	0.5975	0.6131	1.7%	2.6%	4,4%
က	LYSTER AH-FT RUCKER	0.6589	0.6605	0.6838	9.2%	3.5%	3.8%
29	IRWIN AH FT RILEY	0,6593	0.6910	0.6797	4.8%	.1.6%	3,1%
84	MARTIN AH-FT BENNING	0.8184	0.7868	0.8417	-3.9%	7.0%	%b c
86	KELLER AH-WEST POINT	9089.0	0.6547	0.6972	-3.8	6.5%	%+ ·
75	WOOD AH-FT LEONARD WOOD	0.7174	0.7381	0.7347	2.9%	-0.5%	2.4%
122	KENNER AHFT LEE	0.7160	0.7789	0.7320	8.8%	.6,0%	2.2%
8	WOMACK AH-FT BRAGG	0.7290	0.7093	0.7360	2.7%	3.8%	1.0%
121	MCDONALD AHFT EUSTIS	0.7118	0.7319	0.7129	2.8%	÷2.6%	0.1%
61	IRELAND AH-FT KNOX	0.7188	0.7306	0.7191	1.7%	-1.6%	%0.0
69	KIMBROUGH AH-FT MEADE	0.8550	0 7993	0.8512	-6.5%	6.5%	-0.4%
23	HAYS AH-FT ORD	0.6770	0.6572	0.6704	.2.9%	2.0%	-1.0%
æ	NOBLE AHFT MCCLELLAN	0.7289	0.7277	0.7207	÷0.2%	÷ 0%	-1.1%
123	DEWITT AH-FT BELVOIR	0.6601	0.6361	0.6517	.3.6%	2.5%	.1.3%
3	BAYNE-JONES AH-FT POLK	0.6352	0.6330	0.6239	-0.3%	-1.4%	.1.8%
110	DARNALL AH-FT HOOD	0.6561	0.6273	0.6401	-4.4%	2.0%	-2.4%
131	WEED ACH-FT IRWIN	0.5601	0.6032	0.5416	7.7%	-10.2%	-3.3%
49	WINN AH-FT STEWART	0.6665	0.6284	0.6436	-5.7%	2.4%	-3.4%
32	EVANS AH-FT CARSON	0.6976	0.6678	0.6677	-4.3%	0.0%	. <b>4</b> .3%
	FOX AH-REDSTONE ARSENAL	0.8048	0.7783	0.7656	-3.3%	%G.L.	4.9%
₩	PATTERSON AH-FT MONMOUTH	0.8300	0.7460	0.7467	-10.1%	0.1%	-10.M%
70	CUTLER AH-FT DEVENS	0.7829	0.7195	0.7036	-8.1%	-2.2%	·10.1%
82	WALSON AH-FT DIX	0.9371	0.7919	0.7880	-15.5%	-0.5%	.15.9%
330	WILCOX AH/C FT DRUM	* * * * * * * * * * * * * * * * * * * *	0.5250	0.4000	:	.23.8%	į
	Total Army CONUS Community Hospitals	0.7106	0.698ა	0.7184	-1.7%	2.8%	1.1%

EXHIBIT 2-9: FY88-FY90 ARMY FACILITY VERSION 4 GROUPER CMI (BY PEER GROUP SORTED ON FYED TO FY90 PERCENTGE CHANGE)
(Concluded)

		FY88	FY89	FY90	%AGE CHANGE FY88 TO	%AGE CHANGE FY89 TO	%ACE CHANGE FY88 TO
		VERSION 4	<b>VERSION 4</b>	<b>VERSION 4</b>	FY89	FY90	FY90
OMIS ID	FACILITY	CMI	OMI	CM	VERSION 4 CMI	VERSION 4 CMI	VERSION CMI
108	WILLIAM BEAUMONT AMC-FT BLISS	0.8679	0.8-184	0.9870	-2.5%	16.3%	13.7%
31	FITZSIMONS AMC-DENVER	1.2678	1.2563	1.3723	-0.9%	9.2%	8.2%
47	EISENHOWER AMC.FT GORDON	1.0667	1,1048	1.1247	3.6%	1.8%	5.4%
52	TRIPLER AMC-FT SHAFTER	0.9120	0.9045	0.9543	-0.8%	5.5%	4.6%
22	LETTERMAN AMC-PRESIDIO OF SF	1.4130	1.4572	4636	3.1%	0.4%	3.6%
125	MADIGAN AMC-FT LEWIS	0.8942	0.8943	0.9184	%0.0	2.7%	2.7%
37	WALTER REED AMC-WASHINGTON	1.4692	1,4071	1.4693	.4.2%	4.4%	0.0%
	Total Army Medical Centers	1.0985	1.0864	1.1659	-1.1%	7.3%	6.1%
809	98th GENERAL HOSP-NURNBERG	0.6512	0.6791	0.7933	<b>₹.3</b> %	16.8%	21.8%
607	2nd GENERAL HOSP-LANDS TUHL	0.8421	0.8781	0,9079	4.3%	3.4%	7.8%
613	GORGAS ACH	0.7925	0.8282	0.8504	4.5%	2.7%	7.3%
614	196TH STATION HOSP-SHAPE	0.6276	0.6219	0.6673	%6.0-	7.3%	6.3%
612	121st EVACUATION HOSP-SECUL	0.7469	0.7268	0.7822	-2.7%	7.6%	4.7.
605	97th GENERAL HOSP-FRANKFURT	0.7453	0.7608	0.7775	2.1%	2.5%	4.3%
603	AH BERLIN	0.6802	0.6564	0.7089	-3.5%	8.0%	4.2%
603	5th GENERAL HOSP-BAD CANNSTATT	0.7820	0.7600	0.7857	.0.3%	3,4%	3.1%
909	130th STATN HOSP-HEIDELBERG	0.6558	0.6628	0.6740	1.1%	<b>%</b>	2.8%
611	45th FIELD HOSP-VICENZA	0.6219	0.6356	0.6208	2.2%	-2.3%	-0.2%
604	2nd FIELD HOSP-BREMERHAVEN	0.6407	0.6145	0.6343	-4.1%	3.2%	-1.0%
609	67th EVACUATION HOSP-WURZBURG	0.5940	0.6064	0.5819	2.1%	-4.0%	-2.0%
<b>6</b>	34th GENERAL HOSP-AUGSBURG	0.7597	0.7242	0.7419	****	2.4%	2.3%
	Total Army Overseas Hospitals	0.7306	0.7439	0.7719	1.8%	3.8%	5.7%
	Total All Army Facilities	0.8457	0.8389	0.8800	%8'0-	4.9%	4.1%

EXHIBIT 2-10: FY88-FY90 NAVY FACILITY VERSION 4 GROUPER CMI (BY PEER GROUP SORTED ON FY88 TO FY90 PERCENTAGE CHANGE)

		FY88	FY89	FY90	%AGE CHANGE FY88 TO	%AGE CHANGE FY89 TO	%AGE CHANGE
		VERSION 4	VERSION 4	VERSION 4	FY89	FY90	FY90
DI SIMO	FACILITY	CM	CMI	CMI	VERSION 4 CMI	VERSION 4 CMI	VERSION 4 CMI
38	NH GROTON	0,650	0.7184	0.7736	9.1%	7.7%	17.5%
\$	NH GREAT LAKES	0.8357	0.7665	0.9236	-8.3%	20.5%	10.5%
**	NHPIENSACOLA	0,7807	0.8954	0.8299	14.7%	.7.3%	6,3%
52	NH LONG BEACH	0.9008	0.8707	0.9548	-3.3%	9.7%	%0'9
39	NH JACKSONVILLE	0.6814	0.6932	0.7202	1.7%	3.9%	5.7%
30	BRH MGAGCC TWENTY NINE PALMS	0.5034	0.5062	0.5317	%9:0	2.0%	2.6%
85	NH CHERRY POINT	0.4854	0.5007	0.5124	3.1%	2.3%	5.6%
<b>&amp;</b>	NH CAMP LEJEUNE	0.7018	0.6651	0.7323	-5.2%	10.1%	4,3%
103	NH CHAPLESTON	0.7134	0.7082	0.7442	-0.7%	5.1%	4.3%
104	NH BEAUFORT	0.7226	0.7370	0.7440	2.0%	%6:0	3.0%
28	NH LEMOORE	0.5921	0.5443	0.6019	-8.1%	10.6%	1.7%
100	NH NEWPORT	0.7984	0.7957	0.7972	-0.3%	0.5%	-0.2%
<b>Z</b>	BRH NAVSTA ADAK	0.5648	0.5510	0.5568	-2.4%	2.1%	-1,4%
72	NH CAMP PENDLETON	0.7540	0.7322	0.7342	-2.9%	0.3%	-2.6%
88	NH PATUXENT RIVER	0.5223	0.5426	0.5015	3.9%	.7.6%	*4.0%
126	NH BREMERTON	0.7520	0.7164	0.7192	-4.7%	0.4%	-4.4%
127	NH OAK HARBOR	0.5591	0.5504	0.5292	-1.5%	-3.8%	-5.3%
40	NH ORLANDO	0.7864	0.7510	0.7322	-4.5%	-2.5%	%6:9-
<b>2</b>	NHMILLINGTON	0.6863	0.6746	0.6378	.1.7%	-5.5%	-7.1%
8	NEPELADELPEA	0.7887	0.7863	0,7246	0.0%	.7.9%	7.9%
118	NH COMPUS CHRIST!	0.9207	0.8022	0.8378	-12.9%	4.4%	%0.6-
	Total Navy CONUS Community Hospitals	0.7234	0.7136	0.7370	.1.4%	3.3%	1.9%
23	NH OAKLAND	0.8741	0.8688	0.9064	-0.6%	4.3%	3.7%
67	NH BETHESDA	1.1223	0.9926	1.1197	-11.6%	12.8%	.0.2%
8	NH SAN DIEGO	0.9551	0.9291	0.9360	-2.7%	%. 0.7%	-2.0%
124	NH PORTSMOUTH	0.9252	0.8583	0.8457	-7.2%	-1.5%	-8.6%
	Total Navy Medical Centers	0.9629	0.9068	0.9372	.5.8%	3.4%	-2.7%

EXHIBIT 2-10: FY88-FY90 NAVY FACILITY VERSION 4 GROUPER CMI (BY PEER GROUP SORTED ON FY88 TO FY90 PERCENTAGE CHANGE)
(Concluded)

DMIS ID	FACILITY	FY88 VERSION 4 CMI	FY89 VERSION 4 CMI	FY90 VERSION 4 CMI	%AGE CHANGE FY88 TO FY89 VERSION 4 CMI	%AGE CHANGE FY89 TO FY90 VERSION 4 CMI	%AC.E CHANGE FYBB TO FY90 VERSION 4 CMI
618	NHAOTA	0.6036	0.6504	0.9227	%2.2 	41.9%	22.9%
624	BRH USWAF, SKOONELLA	0.4533	0,4304	0.5175	* .	20.2%	11.7%
616	NH HOOSEVELT ROADS-CEIBA	0.6531	0.6949	0.7051	6.4%	1.5%	8.0%
620	NH GUAM-AGANA	0.6449	0.6679	0.6816	3.6%	5.0%	2.7%
619	NH SUBIC BAY	0.6600	0.6605	0.6779	0.1%	5.6%	2.7%
615	NH GUANTANAMO BAY	0.6092	0.6099	0.6134	0.1%	%9.0	0.7%
823	NH YOKOSUKA	0,7052	0.6681	0.7092	.5.3%	%% %%%	0.6%
617	NHNAPLES	0,6178	0.5983	0.6043	.3.2%	1,0%	-2.2%
2	NHOKIKAWA	0.7049	0.6496	0.6653	-7.8%	2.4%	-5.6%
623	NH KEFLAVIK	0.6292	0.6057	0.5577	-3.7%	-7.9%	-11.4%
	Total Navy Overseas Hospitals	0.6629	0.6543	0.6874	.1.3%	5.0%	3.7%
	Total All Navy Facilities	0.8107	0.7811	0.8158	-3.7%	4.4%	%9.0

EXHIBIT 2-11: FY88-FY90 AIR FORCE FACILITY VERSION 4 GROUPER CMI (BY PEER GROUP SORTED ON FY88 TO FY90 PERCENTAGE CHANGE)

		FY88 VERSION 4	FY89 VERSION 4	FY90 VERSION 4	%AGE CHANGE FY88 TO FY89	%AGE CHANGE FY89 TO FY90	%AGE CF ANGE FY88 TO FYGD
DIMIS ID	FACILITY	CMI	CMI	CMI	VERSION 4 CMI	VERSION 4 CMI	VERSION 4 CMI
8	23rd MED GRP-ENGLAND	0.6434	0.6624	0.7341	3.0%	10,8%	14.1%
9	USAF HOSP PATRICK	0,7065	0.7406	0,7999	5.0%	8.0%	13.4%
71	379th STRAT HOSP-WURTSMITH	0.5530	0.5479	0.6231	%6.0	13.7%	12.7%
20	347th MED GRP-MOODY	0.6544	0.6272	0 7271	4	15.9%	11.1%
128	92nd STRAT HOSP-FAIRCHILD	0.6409	0.6595	0.6888	2.9%	4.4%	7 5%
16	USAF HOSP MATHER	0.6812	0.6681	0.7317	-1.9%	9.5%	7
115	67th MED GAP-BERGSTROM	0.7009	0.7560	0.7455	7.9%	-1.4%	6.4%
#	USAF HOSP WILLIAMS	0.5327	0.5531	0.5617	3.8%	1.5%	5.4%
102	354th MED GRP-MYRTLE BEACH	0.7560	0.8018	0.7942	8.1%	%6.0-	5.1%
8	4th MED GRP-SEYMOUR JOHNSON	0.5594	0.5555	0.5860	-0.7%	5.5%	4.8%
44	31st MED GRP-HOMESTEAD	0.6593	0.6786	0.6872	2.9%	1.3%	4.2%
42	USAF RGN HOSP EGLIN	0.7221	0.7669	0.7518	6.2%	-5.0%	4.1%
113	USAF RGN HOSP SPEEPPARD	0.8854	0.9167	0.9208	3.5%	%₹0	<b>4</b> .0%
\$	325th MED GRA-TYNDALL	0.6561	0.6613	0.6801	0.8%	2.9%	3.7%
116	R. THOMPSON STRAT HOSP-CARSWELL	0.7956	0.8119	0.8226	2.0%	1.3%	3.4%
82	27th MED GRP-CANNON	0.5915	0.5874	0 6105	-0.7%	3.9%	3.2%
<b>9</b>	857th STRAT HOSP-MINOT	0.6719	0.6407	8069.0	4.6%	7.8%	2.8%
80	509th STRAT HOSP-PEASE	0.6383	0.6190	0.6559	-3.0%	%0.9	2.8%
98	USAF HOSP DOVER	0.5970	0.5772	0.6126	3.3%	6.1%	2.6%
8	366th MED GRP-MOUNTAIN HOME	9625.0	0.5538	0.5916	4.4%	6.8%	2.1%
8	842nd STRAT HOSP-GRAND FORKS	0.5400	0,5312	0.5495	1.6%	3.4%	1.8%
79	554th MED GRP-NELLIS	0.5999	0.6428	0.6084	7.1%	-5.3%	1.4%
4	AIR UNIVERSITY RGN HOSP-MAXWELL	0.7536	0.7236	0.7628	4.0%	5.4%	1.2%
33	USAF ACADEMY HOSP	0.6810	0.7216	0.6892	%0.9	-4.5%	1.2%
<u></u>	97th STRAT HOSP-EAKER	0.5743	0.5638	0.5809	-1.8%	3.0%	1,1%
ū	USAF HOSP ROBINS	0.6505	0.6248	0.6578	\$6. <del>4</del>	5.3%	1.1%
62	2nd STRAT HOSP LARKSDALE	0.6742	0.8771	0.8818	0.4%	0.7%	1,1%
45	56th MED GRP-MACDILL	0.6711	0.6652	0.6780	%6.0-	1.9%	1.0%
74	USAF HOSP COLUMBUS	0.7257	0.6853	0.7318	-5.6%	%8'9	0.8%
6	832nd MED GRP-LUKE	0.6695	0.6668	0.6714	-0.4%	0.7%	0.3%
2	410th STRAT HOSP-K I.SAWYER	0.5523	0.5634	0.5537	2.0%	- 7%	0.3%
110	USAF HOSP HILL	0.6292	0.613	0.6308	.2.6%	2.9%	9.5%
2	836th MED GRP-DAVIS MONTHAN	0.6635	0.6278	0.6833	5.4%	SE .50	0.0%

EXHIBIT 2-11: FY88-FY90 AIR FORCE FACILITY VERSION 4 GROUPER CMI (BY PEER GROUP SORTED ON FY88 TO FY90 PERCENTAGE CHANGE)
(Continued)

		FY88	FY89	FY90	%AGE CHANGE FY88 TO	%AGE CHANGE FY89 TO	%AGE C. IANGE FY88 TO
DIMIS ID	FACILITY	VERSION 4 CMI	VERSION 4	VERSION 4	FY89 VERSION 4 CMI	FY90 VERSION 4 CMI	FY90 VERSION 4 CMI
2	833rd MED GRP-HOLLOMAN	0.5793	0.5402	0.5771	6.7%	8.8%	.0.4%
t	USAF HOSP LITTLE ROCK	0.6623	0.6684	0.6571	%6:0	£	-0.8%
25	USAF HOSP ALTUS	0.6009	0.5829	0.5954	-3.0%	2.1%	%6°0-
29	384th STRAT HOSP-MCCONNELL	0.7293	0.7368	0.7167	1.0%	-2.7%	-1.7%
65	42nd STRAT HOSP-LORING	0.5697	0.5745	0.5586	0.8%	-2.8%	-1.9%
112	96th STRAT HOSP-DYESS	0.6088	0.5878	0.5939	-3.4%	1.6	.2.5%
<del>5</del>	44th STRAT HOSP-ELLSWORTH	0,5816	0.5450	0.5470	.3.0%	0.4%	-2.6%
8	831st MED GRP-GEORGE	0.5984	0.5897	0.5817	-1.5%	-1.4%	-2.8%
₽	363rd MED CAP-SHAW	0.6046	0.6003	0.5875	20.7%	-2.1%	-2.8%
19	USAF HOSP EDWARDS	0.6126	0.6046	0.5934	-1.3%	-1.8%	-3.1%
78	EHRLING BERQUIST RGN HOSP-OFFUTT	0.6730	0.6496	0.6514	-3.5%	0.3%	-3.2%
<del>1</del>	9th STRAT HOSP-BEALE	0.5879	0.5937	0.5681	1.0%	-4.3%	-3.4%
88	416th STRAT HOSP-GRIFFISS	0.5656	0.5333	0.5449	-5.7%	2.2%	-3.7%
28	80th STRAT HOSP-F.E. WARREN	0.6024	0.5543	0.5725	-8.0% -	3.3%	-5.0%
<b>=</b>	93rd STRAT HOSP-CASTLE	0.5698	0.5418	0.5361	-4.9%	~1.0%	2.9%
\$	USAF HOSP CHANUTE	0.8395	0.7873	0.7859	-6.2%	-0.2%	-6.4%
8	USAF HOSP TINKER	0.6380	0.6217	0.5952	-2.6%	4.5%	-6.7%
87	380th STRAT HOSP-PLATTSBURGH	0.7467	0.7624	0.6951	2.1%	%8 <sup>.</sup> 8-	%6 <sup>.9</sup>
₹	22nd STRAT HOSP-WARCH	0.8064	0.8111	0.7503	0.6%	-7.5%	-7.0%
#	USAF HOSP KIRTLAND	0.8394	0.7830	0,7777	% <u>/</u> .4°	97.0	7.3%
₩	USAF HOSP ELMENDORF	0.7551	0.7182	0.6943	4.9%	3.3%	-8.1%
<del>-</del>	USAF HOSP LAUGHLIN	0.5877	0.5511	0.5386	-6.2%	-2.3%	.8.4%
120	1st MED GRP-LANCLEY	8009.0	0.5942	0.5465	-1.1%	%0 <sup>'8</sup> -	%0'6-
92	351st STRAT HOSP-WHITEMAN	0.5828	0.5265	0.5163	%2.6-	-1.9%	-11.4%
<b>£</b>	1st STRAT HOSP-VANDENBERG	0.8302	0.8154	0,6442	-1.8%	-21.0%	-22.4%
	USAF HOSP REESE	0.8018	0.6847	0.6176	-14.6%	2 8%	-23.0%
"	341st STRAT HOSP-MALMSTROM	0.6427	‡ ‡	**	<b>†</b>	+	‡
	Total USA COMMS Community Hospitals	0.6679	0.6624	0.6691	%8 O-	1 0%	%00
						2	
*	USAF MED CTR WRIGHT PATTERSON	1.0110	0.9739	1.0835	3.7%	11,3%	7.2%
æ.	USAF MED CTR KEESLER	1.198	1.1348	1,1821	1.3%	**************************************	5.6%
109	BROOKE AMC (JAMAC) FT SAM HOUSTON	1.2968	1.2944	1.3264	-0.2%	2.5%	2.3%

EXHIBIT 2-11: FY88-FY90 AIR FORCE FACILITY VERSION 4 GROUPER CMI (BY PEER GROUP SORTED ON FY88 TO FY90 PERCENTAGE CHANGE)
(Concluded)

		FY88	FY89	FY90	%AGE CHANGE FY88 TO	%AGE CHANGE F TO	%AGE CHANGE
		VERSION 4	VERSION 4	VERSION 4	FY89	FY90	FY90
DIMIS ID	FACILITY	CWI	CMI	CMI	VERSION 4 CMI	VERSION 4 CMI	VERSION 4 CMI
3	MALCOM GROW MED CTR-ANDREWS	10197	0.9187	1,0337	%6`@-	12.5%	1.4%
100	USAF MED CIR SCOTT	0,9282	0.9162	0.9242	.13%	%5°O	0.4%
117	WILFORD HALL MED CTR-LACKLAND	1.3513	1.3172	1,3062	-2.5%	9860	-3.4%
4	DAVID GRANT MED CTR-TRAVIS	1.1743	1.0503	1.0364	-10.6%	-1.3%	-11.7%
	Total USAF Medical Centers	1.1889	1.1566	1.1839	-2.7%	2.4%	ڊ
637	Beh MED GRP-KUNSON AB	0.5926	0.5902	0.9000	-0.4%	52.5%	51.9%
*** <b>2</b>	LISAF HOSP INCIRLIK	0.6353	0.6666	0.6844	*6. <del>4</del>	2,7%	7.7%
83	USAF HOSP LAJES	0.5118	0.4630	0.5448	-9.5%	17.7%	6.5%
633	USAF RGN HOSP LAKENHEATH	0.6089	0.6171	0.6404	1.3%	3.8%	5.2%
628	USAF AGN MED CTR WIESBADEN	0.8224	0.8207	0.8464	-0.2%	3.1%	2.9%
631	USAF HOSP HELLENIKON	0.6701	0.6795	0.6793	1.4%	%0:0	1.4%
988	13th MED CENTER-CLARK AB	0.8788	0.9738	0.8800	10.8%	-9.6%	0.1%
3	475th MED GRP-YOKOTA AB	0.6552	0,6406	0.6466	%2.% **	%60	*4.3%
632	LISAF HOSP UPPER HEYFORD	0.6128	0.5797	0.5880	34.0	1.4%	40%
929	USAF HOSP BITBURG	0.5638	0.5061	0.5388	-10.2%	6.5%	-4.4%
638	51st MED GRP-OSAN AB	0.7015	0.6703	6999.0	4.5%	-0.5%	-4.9%
630	USAF HOSP TORREJON	0.6574	0.6068	0.6193	-7.7%	2.1%	-5.8%
627	USAF HOSP HAIN	0.5632	0.5322	0.5202	.5.5%	-2.3%	-7.6%
2	LISAF HOSP IRAKLION	0.5833	0,5746	l	. 1.9%		
3	432th MED GRP-JASAWA	‡ ‡	0.5298	0,5413	‡ ‡	22%	
	Total USAF Overseas Hospitals	0.7170	0.7207	0.7072	0.5%	-1.9%	-1.4%
	Total All USAF Facilities	0.8421	0.8404	0.8567	-0.2%	1.9%	1.7%

AB, greater than a 30% decline in bed days and dispositions between FY89 and FY31 was reported, which again may be due to a charge in available services. Any substantial modification in services provided at an MTF may result in a change in the observed case-mix complexity.

In summary, CMIs appear to have been relatively stable over time. Relative stability was observed at the Service branch, model peer group, and facility level. Having reviewed the stability of CMIs using the Version 4 DRG Grouper, chapter 3.0 examines the impact of updating to the Version 8 DRG Grouper and associated weights and trim points to compute RWPs, CMIs, and IWUs.

## 3.0 COMPARISON OF VERSION 4 AND VERSION 8 DRG GROUPER CMIS

This chapter provides a comparison of case mix indices (CMIs) computed using the Version 4 and Version 8 Diagnosis Related Group (DRG) rouper software with associated weights and DoD assigned trim points. The Version 8 DRG Grouper and associated updates will be used to compute FY91 relative weighted products (RWPs), CMIs, and inpatient work units (IWUs). The purpose of this chapter is to evaluate the impact of implementing the Version 8 DRG Grouper at the Service branch and facility level. Section 3.1 summarizes the differences between the Version 4 and Version 8 DRG Groupers and provide analysis at the DRG level to aid in evaluating changes at the Service and facility level. Section 3.2 provides an analysis of changes in CMIs at the Service branch, model peer group, and facility level. Lastly, section 3.3 presents a methodology for preserving the comparability of IWUs as groupers are updated.

## 3.1 SUMMARY OF VERSION 4 AND VERSION 8 DRG GROUPER DIFFERENCES

This section presents a comparison of the Version 4 and Version 8 Grouper LRGs, case weights, and DoD trim points. Exhibit 3-1 provides a description of each DRG with associated weights and trim points. The Version 4 DRG Grouper weights and trim points are as presented in the Fiscal Year 1988 Diagnosis Related Groups Resource Allocation Guidance. The Version 8 DRG Grouper employs CHAMPUS weights! with some modifications. Modifications were made for the following sets of DRGs:

- DRGs for which CHAMPUS directly adopted Medicare weights; and
- DRGs for which CHAMPUS does not reimburse according to DRGs.

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<sup>1</sup>CHAMPUS weights were published in the Federal Register, Vol. 55. No. 214, Monday, November 5, 1990, pp. 46547-46557.

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1: VERSION 4 AND VERSION 8 DRG GROUPER WEIGHTS AND DoD TRIM POINTS
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EXHIBIT 3-1:

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		NO.	Ę		DRG	MO.	ij		DAG	IN OW	DIFFE RENCE	PERCENTAGE DIFFERENCE	PERCENTAGE DIFFERENCE
DAG	DESCRIPTION	CUTPOINT	ರ	GLOS	WEIGHT	CUTPOINT	ᅙ	GLOS	WEIGHT	CUTPOINTS	CUTPOINTS	SO 15 .	IN WEIGHT
ت -	CRANIOTOMY AGE >17 EXCEPT FOR TRAUMA	v.	2	16 71	1961	v.	2	16.10	1.83	c	c	1	7 <del>0</del> 00 9
2	CRANIOTOMY FOR TRAUMA AGE >17	~	27	10.46	4.45	~	8	8	4.72		, -	· /	6.14%
	CRANIOTOMY AGE 0-17	2	52	8.49	5.38	Q	52	8.30	2.81	0	0	2.44.7	17.69%
4 SF	SPINAL PROCEDURES	3	58	11.17	2.14	3	7,	10.80	2.12	0	-	Ä	1.13%
	EXTRACRANIAL VASCULAR PROCEDURES	e	23	8.03	2.7	e	S	8	1,74	0	0	0.40%	1 82%
	CARPAL TUNNEL RELEASE	-	~	8	30	-	~	<u>5</u>	990	0	0	0.30%	22 47%
7 6	PERIPH & CRANIAL NERVE & OTHER NERV SYST PROC W.CC	-	8	5.85	2.83	-	23	9.9	5.38	0	-	12.83%	15.97%
	PERIPH & CRANIAL NERVE & OTHER NERV SYST PROC W/O CC	_	<b>co</b> ;	2.10	98.	-	eo ;	2.10	680	0	0	011%	3.94%
	SPINAL DISORDERS & INJURIES	-	51	4.12	203	-	8	8	3.21	0	-	.5.26%	\$8 10%
	NERVOUS SYSTEM NEOPLASMS W. CC	~	<b>7</b> .	20.0	2 5		₹ ;	7.10	1.57	<del>-</del> •	0	%290	28 09%
	NEWOODS SYSTEM NEOFLASMS W/O CC		R 8	3.93	89.0			4.10	8 5	۰,	- (	\$2.5 \$	10.75%
	CECENTAL TO COLODO OF STEM DISCONTENS	- •	5.7	P 4	2 6		5 6	3 4	6.6	o •	၁ (	%	21.91%
2 3	MOLIPLE VALENASIS & CENEDELLAN ALAXIA RECIEM CEDEDESVARCIII AD DIRODADE EYACOT TIA	- ຕ	- F	3 4	9 4	- (	7 8	04.4	7.5	<b>-</b>	<b>.</b>	\$ 61.0 \$ 63.0	*95.0 *05.0
Τ	TOANGEST SCHOOL ATTACKS AND DOCCODED AND LICENSE	,	S	24.0	37.0	,	3	2	5			%CI-O-	0.24%
_	MONROPORTO DESERVACIONA DI PROPERTO NO DE CONTROLLO DE CO		ž \$	2,4	5,7		<u>.</u> ٤	2 6	4 9		o -	4.68.0 4.69.0	4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00
	MONSPECIEIC CEREBROVASCIII AR DISORGERS WIO CO		1 E	3.5	22.0		5 -	8 6	8 8	-		726.	30.00
	CRAN, ALL PERIPHERAL NERVE DISORDERS W.CC.	_	? %	45	8	-	: 8	2 2	8 8	-	- ح	31.50	20 00
	CRANIAL & PERIPHERAL NERVE DISORDERS W/O CC		8	3.37	0.72	-	: 8	8 8	20	. 0	, o	\$ 03. \$ 08%	2.68%
	NERVOUS SYSTEM INFECTION EXCEPT VIRAL MENINGITIS	2	S	25.9	1.40	2	ន	9	28	0	0	5.56%	31 72%
_	VIRAL MENINGITIS	8	<b>G</b> 9	3.15	95.0	~	σ	3.10	0 63	0	o	-1.45%	8.34%
	HYERTENSIVE ENCEPHALOPATHY	7	15	3.97	0.74	~	15	<b>4</b>	8	•	0	0.70%	10.19%
	NONTRAUMATIC STUPOR & COMA		<b>z</b> :	5.83	96.0	<b></b> .	5 .	~	<b>6</b> 0	0	_	0.22%	28.12%
	SEIZURE & HEADACHE AGE > 17 W CC	- -	91	3.44	26.0	-	2	346	3	0	-	1.04%	8 43%
ខ្លួ	SEIZUNE & HEADACHE AGE > 17 W/O CC	- •	2 4	7.	0.57		= •	8.5	<b>X</b> 3	0 0	- (	2.51%	%90'S
	TRAUMATIC STUTCH & COMA, COMA, 1 HB		" =	203	3 4		neo	2 5	2 2	<b>o</b> c	> <sup>e</sup>	6.25% 6.33%	22 48%
	TRAUMATIC STUPOR & COMA, COMA <1 HR AGE > 17 W CC	_	17	92	8	-	. ET	23	8	. 0	• 🔫	.14 08%	2.55%
Ė	TRAUMATIC STUPOR & COMA, COMA <1 HR AGE >17 W/O CC	1	5	25	0.63	-	9	1.70	1.24	0	-	10.22%	96.91%
	TRAUMATIC STUPOR & COMA <1 HR AGE 0-17		2	1.16	0.40	-	2	1.20	09:0	0	0	3.05%	47.33%
	CONCUSSION AGE >17 W CC	_	<b>د</b> ه د	1.67	0.72	-	vo ·	2.5	0.63	0	0		.12.76%
S S S S	CONCUSSION AGE >17 W/O CC	- •	m (	1.37	0 0 0 0		m (	9 .	0.45	0 0	0 (	2.03%	13.09%
	CONCOSSION MAR OF IT		۶ ۲	3.79	1.75		۶ ۲	- 4	2 0	-	o c	5.57%	2037%
1	OTHER DISORDERS OF NERVOUS SYSTEM W/O CC	-	16	2.63	9.0	-	16	260	1.12	0	0	1.20%	73.00%
	RETINAL PROCEDURES	-	19	4.37	0.81	-	19	4.30	62.0	0	0	1.53%	2.64%
	ORBITAL PROCEDURES	-	81	3.40	0.81	-	8	3.40	0.87	•	0	0.05%	7.40%
E 1	PRIMARY IRIS PROCEDURES		٠,	1.75	6.45 6.5		۲,	8 5	98 s	• •	0 0	2.99%	.18.95%
1	VIDAOCINIA DEDOCEDIDES EVEST ABST ASS 13	- -	7	1 46	2 6	-	5	2	7/70	0		2.00%	4.11%
	EXTRACCULAR PROCEDURES EXCEPT ORBIT AGE 217		30	5 -	9.6		י ה	3 5	9 0		<b>.</b>	2.8% 4.8%	14 76%
	INTRACCULAR PROCEDURES EXCEPT RETINA, IRIS & LENS	_	. 92	33	0.79	- <b>-</b>	. 9	3.8	0.83		0	0.01%	4.47%
	HYPHEMA	8	=	3.63	0.31	~	=	3.60	0.28	0	0	0.93%	-8.30%
1 ×	ACUTE MAJOR EYE INFECTIONS	2	7	2.9	0.47	~	<b>6</b> 0	5.90	0.47	0	-	1.26%	.0.49%
	NEUROLOGICAL EYE DISORDERS	-	91	3.15	0.55	-	91	3.10	19.0	0	0	-1.45%	2.54%
	OTHER DISORDERS OF THE EYE AGE > 17 W CC	_	4	2.67	0.68	-	=	52	0.82	0	0	6.29%	19.99%
	OTHER DISORDERS OF THE EYE AGE > 17 W/O CC	-	σ,	83	99.5		σ ·	500	0.51	0	0	0.87%	.15.18%
<b>9</b> 9	OTHER DISORDERS OF THE EYE AGE 0-17 MAINS DISABLE AND A MECK BOOCCOLIDES	- 1	en y	7.7	0.50	- ،	n g	2 8	2 2 3 8	۰ ٥	٠:	2.55%	11.60%
İ	MAJON READ & NECK THOUSEDONES	•	8	21.6	6/9	,	2	8	200	7	5	4.9C/Q	10.037
7 7 7 7	SIALOADENECTOMY SALIVARY GLAND PROCEDURES EXCEPT SIALOADENECTOMY	× -	<b>10</b> 00	8 8	7/0	~ -	20 a	8 8	6,73	0 0	0 0		11 03%
	CLEFT LIP & PALATE REPAIR	۰ ۵	o	3.24	3 6	۰ ،	oo	3 5	0.72	o c		* 60.7	7.96 E
	SINUS & MASTOND PROCEDURES AGE > 17	. –	· 00	5.28	0.75	,	o	99	02.0	0		2000	7 00%
			,		;		ı	i	) )	,	٢		

· Continued ·

EXHIBIT UP 1: VERSION 4 AND VERSION 8 DRG GROUPER WEIGHTS AND Dod TRIM POINTS (CONTINUED)

Series a anti-order control   December   D				VERSION 4	4			VERSION 8	œ 2					
SALE A MATCHOPOCTODIES AND A MATCH COUNTY CUTTON! CUTT											DIFFERENCE	DIFFERENCE	PERCENTAGE	PE RCENTAGE
Security Control of			MO'	HGH		DRG	<b>¥</b> 0	HGH		DRG	IN LOW	IN HIGH	DIFFERENCE	DIFFERENCE
Severa Lava Coop Procedures Acces 1, 19, 19, 19, 19, 19, 19, 19, 19, 19,	BRG		CUTPOINT	CUTPOINT		WEIGHT	CUTPOINT	CUTPOINT	GLOS	WEIGHT	CUTPOINTS	CUTPOINTS	90 io'	IN WEIGHT
A Fig. 10   A Fi	7	SINIS A MASTON DEPOSITION AGE 0.17	-	ď	6	0.67	-	Œ	6	67.0	c	c	;	7.976,
A	3	MISCELLANEOUS EAR, NOSE & THROAT PROCEDURES	. <b></b>	4	1.79	8	-	4	8	0.59		0	90	% 70 81
The PRICE CERCENT TOWASLECTOWA AND ACKENORECTOWA ONLY AGE; 1  1 A PRICE CERCENT TOWASLECTOWA AND ACKENORECTOWA ONLY AGE; 1  1 A PRICE CERCENT TOWASLECTOWA AND ACKENORECTOWA ONLY AGE; 1  1 OWASLECTOWA AND ARCHORECTOWA ONLY AGE; 1  1 OWASLECTOWA	8		_	4	88	0.48	-	4	6	3	0	0		12 59%
The Procedite Control Month Age of the Procedite Month Age of the	22		-	7	2.40	0.52	-	9	2.40	9.0	0	-	%.ZO 0	25.36%
CONSTRECTION A RECLARATION COLVEY, AGE 3/1   CONSTRETCION A RECLARATION COLVEY, AGE 3/1   CONSTRUCTION AND ARE MODED COLVEY COLVEY, AGE 3/1   CONSTRUCTION AND AGE MODED COLVEY COLVEY, AGE 3/1   CONSTRUCTION AND AGE MODED COLVEY COLVEY, AGE 3/1   CONSTRUCTION COLVEY, AGE 3/1	38		-	2	1.28	0 37	1	2	1.30	0.43	0	0	1 44%	16.52%
WYNKOCTOW WITH TIDE RESETTOWACE AT COLOR TO THE ALL STATES AND THE RESETTOWACE AND THE VALE RESE	\$		-	4	1.97	0.37	-	4	5.00	0 37	0	0	1.35%	0 03%
WATCHOOTON WITH LIBER INSERTITIONARGE 517  WATCHOOTON WITH LIBER INS	8		-	e	3	<del>7</del>		က	1.50	9.3	0	0	2 84%	0 69%
Price Earl Notes, worther thickers in a face work work of the Especial with thickers in a face work in thickers work work in thickers work work in thickers work work in thickers work in thit work work in the thickers work in the thickers work in	9		_	e ·	29	0.87		4	8	0.71	0	<b>,</b>	19 26%	18.63%
Chick Mode, Worth Friedra's Mycochottes   1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3	-	-	-	8	0.39	-	-	8	0.61	0	0	%000	55 43%
Design Mean Authorities   Design Mean Auth	8		_	7 (	3.8	0.92	α·	<b>9</b>	3.50	9 :	- 1	4	15 86%	15.01%
EPECOTOTICS  OTTO SENDERLY AND CONTROL SERVING SERVING CONTROL	\$ :			₹;	20.5	= 5		₹ :	9 5	3 3	0 (	<del>.</del> •	541%	X .
EPROCHES  OHIS MEDIA UNIMAGE, I WINCE  OHIS M	2 3			2 (	9 5	200		2 0	8 8	9 6	o (	<b>&gt;</b> •	%8/ O	8
OTITIS BEGINAL LINEAGE A. UNICCE  OTITIS BEGINAL MALANGE S. UNICCE  OTITIS BEGINAL MALANGE S. UNICCE  OTITIS BEGINAL MALANGE S. UNICCE  LATING SECTION RECEIPLANCE S. MCC D. T.	8 2		- 0	» <u>;</u>	)	10.0	- ،	<b>*</b> ;	8 6	24.0	0 6	<b>o</b> c	200	17 10%
Office BECAN DECENTARY OF COCCUSING SECURITY OF COCCUS SECURITY OF COC	3		<b>,</b>	- a	27.0	9	y -	a	07.0	0.65			920	2000
MACHINE TRANSMER PRINTED   MACHINE STREAM   MACHINE STR	3 2			o vo	2.5	84.0		o vo	2 2	0.68		<b>o</b> c	1 10 c	444
MASAL TRAUMA ECCRANTY   MASAL TRAUMA ECCRANTA ECCRANTY   MASAL TRAUMA ECCRANTA ECC	2		_	'n	1.81	0.40	. <b></b>	'n	98	0.40	0	. 0	0.39%	%200
MASAL FRIENDAMA DEFORMA DEFORMANCE SAGE 5/17   7   2   60   60   1   7   1   1   1   1   1   1   1   1	7		_	n	1.49	98.0	_		2	9,	0	0	0.52%	5.25%
OTHER RAY, MOCHA THROAT DIGNOCES AGE 5/7  ALACID CHER RAY, MOCK MOUTH A THROAT DIGNOCES AGE 6/7  ALACID CHER RAY, MOCK MOUTH A THROAT DIGNOCES AGE 6/7  ALACID CHER RAY, MOCK MOUTH A THROAT DIGNOCES AGE 6/7  ALACID CHER RAY, MOCK MOUTH A THROAT DIGNOCES AGE 6/7  ALACID CHER RAY, MOCK MOUTH A THROAT DIGNOCES AGE 6/7  ALACID CHER RAY, MOCK MOCK MOCK MOCK MOCK MOCK MOCK MOCK	2		-	e	1.39	0.39	-	9	1.40	0.49	0	0	0.59%	24 30%
OTHER REA, NOTE, WOLTH THOAT DIAGNOSES AGE 0.7 7 7 1 145 048 1 1 1420 337 140 052 00 071 FIRST SYSTEM OR PROCEDURES WOCC.  OTHER RES SYSTEM OR STANDARD WOCC.  OTHER S	2		-	1	5.09	69.0	-	7	2.10	0.52	o	0	0.56%	24.12%
MAJORI CHEST PROCEDURES WCC   2 27 1023 326 5 31 1420 337 337 39	*		-	4	1.45	0.48	-	3	1.40	0.52	0	<del>.</del>	3.58%	8 30%
DILEGIA RESPIRATION PRICEIDURES WIGCE   1	52		~	27	10.33	98	so.	۳.	<del>2</del> .8	3.37	e -	4	37.40%	10 15%
CHEMINESTINGS HICKARMATIONS AGE > 1	92		ო •	8 8	13.32	325	ο.	£ 8	8 8	4 :	<del>~</del> •	κ'n.	33.93%	.24 15%
RESIDIATION INFECTIONS & INFLAMMATIONS AGE >17 WCC RESIDIATION INFECTION INFECTION INFERTINAL UNCLOSES TRUCKING ACE >17 WCC RESIDIATION INFERTINAL UNCLOSES TRUCKING ACE >17 WCC RESIDIATION INFERTINAL UNCLOSES TRUCKING ACE >17 WCC RESIDIATION INFERTINAL UNCLOSES WCC RESIDIATION SACE >17 WCC RESIDIATION INFERTINAL UNCLOSES WCC RESIDIATION SACE >17 WCC RESIDIATION SACE SACE WCC RESIDIATION SACE SACE WCC RESIDIATION SACE WCC RESIDIATION SACE SACE WCC RESIDIATION SACE WCC RESIDIAT	٠	Ċ	- 6	5 8	4.49	9	- -	5 5	36	/4/	0	-	13.16%	16.18%
RESPIRATORY NECETIONS REPLANMATIONS AGE 0.17  RESPIRATORY NECETIONS REPLANMATIONS AGE 0.17  RESPIRATORY NECETIONS RELAMMATIONS AGE 0.17  RESPIRATORY NECETIONS AGE 0.17  RESPIRATORY SEGNER SYMPTOMS WOCC  RESPIRATORY SEGNER SYMPTOMS WOCC  RESPIRATORY SEGNER AGE 0.17  RESPIRATORY SEGNER SYMPTOMS WOCC  RESPIRATORY SEGNER AGE 0.17  RESPIRATORY SEGNER SYMPTOMS WOCC  RESPIRATORY SEGNER AGE 0.17  RESPI	2 2		N (	3 8	7.0	2 2	N 6	3 8	8 6	3 5	<b>-</b>	5 6	0.71%	% BB 2
RESPIRATORY METCHONS & INFLAMMATIONS AGE 0.17         1         27         136         1         18         2.22         0           RESPIRATORY METCHONS & INFLAMMATIONS AGE 0.17         1         22         5.34         135         1         1         22         5.30         1.89         2.22         0           MAJOR CHEST TRAUMAR WCC         ALOR CHEST TRAUMAR WCC         1         2         1         2         2         5.34         1         2         2         5.30         1.93         0         0         2         0 <t< td=""><td>2 8</td><td></td><td>" "</td><td>8 g</td><td>9 G</td><td>1 67</td><td>י ר</td><td>2 9</td><td>9 6</td><td>25.33</td><td>o c</td><td><b>.</b></td><td>2.507.c</td><td>26.10%</td></t<>	2 8		" "	8 g	9 G	1 67	י ר	2 9	9 6	25.33	o c	<b>.</b>	2.507.c	26.10%
HESPIRATORY NEOPLASMS HANDRO CHEST FRAULMA W CC HALLAND CHEST RAULMA W CC PULLIAND CHEST RAULMA RESPIRATORY FAILURE PURLUMCNARY EDEMA A RESPIRATORY FAILURE PURLUMCNARY M CC PURLUMCNARY A CC PURLUMCNARY B CORPORATION CATH PURLUMCNARY B PROSEDURE W CARDIAC CATH PURLUMCNARY B	¥ =			£	3.5	98	ı <b>-</b>	9 6	8	2	) C	0 0	2 28%	20029
MAJOR CHEST TRAUMA W CC	8		_	2	5.3	35	-	8	5.30	1.59	0	0	0.70%	17.43%
PALEURAL EFUSIONAL WOCC         1         10         2.53         0.61         1         10         2.53         0.61         1         20         25         0.67         0           PALEURAL EFUSION W CC         PLEUALA EFUSION W CC         1         1         7         4.18         1.34         1         2.34         0         0.92         0	ន		-	21	80.4	2.89	-	8	8	1.26	0	-	.2.24%	.Se 30%
PLEUNAL FETUSION W CC PLUMCNARY EDELAL A FETUSION W CC PLUMCNARY EDELAL A RESPIRATION Y CC PLUMCNARY EDELAL A RESPIRATION Y CC PLUMCNARY EDELAL A RESPIRATION Y W CC SIMPLE PNEUMONIA P PEUNISY AGE > 17 W CC SIMPLE PNEUMONIA A PEUNISY SITEM DIAGNOSES W CC SIMPLE PNEUMONIA SITEM DIAGNOSES W CC SIMPLE SITEMA SI	2		-	5	2.53	19.0	-	5	2.50	0.57	0	0	1.05%	.6.81%
PULMONAR PERSINA PRESINA RESPIRATORY FAILURE CHRONIC OBSTRUCTIVE PULL MONARY DISEASE CHRONIC OBSTRUCTIVE PULL MONARY DISEASE CHRONIC OBSTRUCTIVE PULL MONARY POISEASE CHRONIC OBSTRUCTIVE PULL MONARA RESPIRATORY FAILURE CHRONIC OBSTRUCTIVE PULL MONARA PERSINA RESPIRATORY SAGE > 1 4 40 1.58 2 16 4.50 1.12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8		-	21	4.18	8	_	2	8.3	2.3 25.	0	0	2.83%	74.84%
CHONIC OBSTRUCTIVE PULINOMAT PAILOR   1	8 3			17	3.01	0.93		9 ( 9 (	8 8	0.92	0 (	ᠸ,	0.42%	1.38%
SIMPLE PNEUMONIA PEURISY AGE -17 W/O CC  SIMPLE PNEUMONIA PEURISY AGE -17 W/O CC  SIMPLE PNEUMONIA A PEURISY AGE -17 W/O CC  PNEUMOTHORAX W/O C  BROWCHITS A STHMA AGE -17 W/O CC  BROWCHITS A STHMA AGE -17 W	<b>a</b>	-	- ,	5	65	/9/2	-	3 5	25	2.35	٥	- 6	13.24%	12.16%
SIMPLE PREDIMONIA A PELGRISY AGE 517 WOCC  SIMPLE PREDIMONIA A PELGRISY AGE 6-17  SIMPLE PREDIMONIA AGE 5-17 WOCC  PREDIMONIA AGE 5-17 WCC  BROWCHITIS A ASTHMA AGE 5-17 WCC  BROWCHITIS A STHMA AGE 5-17	8 8		۰,۰	ō	9. 4 0. 4	8 2	v 0	<u>.</u>	9 8	7	o c	<b>.</b>	2.37%	7 72%
SIMPLE PNEUMONIA & PLEURISY AGE 0-17         1         7         2.54         0.63         1         7         2.50         0.65         0           INTERSTITAL LUNG DISEASE W.C.C.         INTERSTITAL LUNG DISEASE W.C.C.         1         19         3.42         0.80         1         18         3.40         0.89         0           PINEUMOTHORAX W.O.C.         2         18         5.42         0.80         1         18         5.40         0.67         0           PRONCHITIS & ASTHMA AGE > 17 W.C.C.         2         13         3.86         0.86         2         13         3.90         0.67         0           BRONCHITIS & ASTHMA AGE > 17 W.C.C.         2         12         3.67         1.18         2         12         3.60         1.06         0         0           BRONCHITIS & ASTHMA AGE > 17 W.C.C.         2         12         3.67         1.18         2         12         3.60         1.06         0         0           BRONCHITIS & ASTHMA AGE > 17 W.C.C.         1         5         2.56         0.80         1         7         2.60         0.69         0         0         0         0         0         0         0         0         0         0         0	8		۰ م	o o	95	3	۰ م	2	8 8	0.82		<b>,</b> •••	. 50 - 50 - 50 - 50 - 50 - 50 - 50 - 50	11.84%
INTERSTITAL LUNG DISEASE W CC	5		-	7	25.	0.63	-	7	2.50	0.65	0	0	1.50%	4.01%
INTERSTITIAL LUNG DISEASE W/O CC PINELWOTHORAXW WCC PREJUDITY PROTECTION AND CC BRONCHITIS & ASTHMA AGE >17 W CC BRONCHITIS & ASTHMA AGE >17 C S W CO THER PRESPIRATORY SYGNS & SYMPTOMS W CC COTHER RESPIRATORY SYGNS & SYMPTOMS W CC CHESPIRATORY SYGNS & SYMPTOMS W CC CARDIAC VALVE PROCEDURE W CARDIAC CATH CARDIAC VALVE PROCEDURE W CARDIAC CATH CARDIAC VALVE PROCEDURE W CARDIAC CATH B 34 17.30 5.95	8	l	-	21	4.98	22	-	22	5.10	1.61	0	-	2.45%	4.42%
PNEUMOTHORAX W CC PNEUMOTHORAX W CC PNEUMOTHORAX W CC PNEUMOTHORAX W CC BRONCHITIS & ASTHMA AGE >17 W CC BRONCHITIC & ASTHMA AGE >17	8		_	<u>0</u>	3.42	0.80	_	8.	3.40	0.89	0	-	-0.72%	11.57%
PRONCHITIS & ASTHMA AGE >17 W CC         2         13         3.96         1.05         0           BRONCHITIS & ASTHMA AGE >17 W OCC         1         7         2.56         0.80         1         2         1.5         3.60         1.06         0           BRONCHITIS & ASTHMA AGE >17 W OCC         1         7         2.56         0.80         1         7         2.60         0.69         0           BRONCHITIS & ASTHMA AGE >17 W OCC         1         7         2.56         0.80         1         2         2.60         0.69         0	3 8		<b>~</b> (	<b>.</b>	29.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50	8 8	N C	<u> </u>	8 8	2.45	0 (	0 (	244%	8.40%
BRONCHITIS & ASTHMA AGE >17 WOCC	8 8			2 5	9.0	8 9	N (	2 5	9 6	9 6	<b>5</b> 6	<b>.</b>	4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4	408.1 470.01
BRONCHITIS & ASTHMA AGE 0-17         TESPIRATORY SIGNS & SYMPTOMS W.C.         1         5         2.15         0.50         1         5         2.10         0.54         0           RESPIRATORY SIGNS & SYMPTOMS W.C.C.         1         15         2.96         0.94         1         16         3.20         0.98         0           RESPIRATORY SIGNA B SYMPTOMS W.C.C.         1         6         1.89         0.56         1         7         1.90         0.58         0           OTHER RESPIRATORY SYSTEM DIAGNOSES W.C.C.         1         6         2.12         0.75         1         6         2.19         0.56         0           OTHER RESPIRATORY SYSTEM DIAGNOSES W.C.C.         1         6         2.12         0.75         1         6         2.10         0.67         0           OTHER RESPIRATORY SYSTEM DIAGNOSES W.C.C.         1         6         2.12         0.75         1         6         2.10         0.67         0           OTHER RESPIRATORY SYSTEM DIAGNOSES W.C.C.         1         6         2.12         0.75         1         6         2.10         0.67         0           CARDIAC VALVE PROCEDURE W.C.C.         1         33         16.45         5.82         7         33         <	8 6		<b>u</b> -	ā ~	95	- 0	<b>.</b> –	ā /	8 8	890		0 0	7.51 7.151	13.40%
RESPIRATORY SIGNS & SYMPTOMS W CC         1         15         2.96         0.94         1         16         3.20         0.98         0           RESPIRATORY SIGNS & SYMPTOMS WOCC         1         6         1.89         0.56         1         7         1.90         0.36         0           OTHER RESPIRATORY SYSTEM DIAGNOSES W/O CC         1         6         2.12         0.75         1         6         2.12         0.75         1         6         2.0         0           OTHER RESPIRATORY SYSTEM DIAGNOSES W/O CC         1         6         2.12         0.75         1         6         2.10         0.75         0 </td <td>8</td> <td></td> <td>-</td> <td>5</td> <td>2.15</td> <td>05.0</td> <td>-</td> <td>150</td> <td>2.10</td> <td>25.0</td> <td>0</td> <td>0</td> <td>2.28%</td> <td>7.55%</td>	8		-	5	2.15	05.0	-	150	2.10	25.0	0	0	2.28%	7.55%
RESPIRATORY SIGNS & SYMPTOMS W/O CC         1         6         1.88         0.58         1         7         1.90         0.58         0           OTHER RESPIRATORY SYSTEM DIAGNOSES W/O CC         1         21         4.05         1.39         1         6         2.12         0.75         1         6         2.19         0         0           HEART FRANSPLANT              0         0         0         0         0 </td <td>8</td> <td></td> <td>-</td> <td>15</td> <td>5.96</td> <td>3,</td> <td>-</td> <td>91</td> <td>3.20</td> <td>96:0</td> <td>0</td> <td>-</td> <td>8.09%</td> <td>3.62%</td>	8		-	15	5.96	3,	-	91	3.20	96:0	0	-	8.09%	3.62%
OTHER RESPIRATORY SYSTEM DIAGNOSES W CC         1         21         4.05         1.39         1         19         3.90         1.23         0           OTHER RESPIRATORY SYSTEM DIAGNOSES W/O CC         1         6         2.12         0.75         1         6         2.10         0.05         0           HEART TRANSPLANT         0         0         0         0         0         0         0         0           CARDIAC VALVE PROCEDURE W/O CARDIAC CATH         12         45         28.06         6.79         7         33         16.00         6.53         0           CORONARY BYPASS W CARDIAC CATH         8         34         17.43         5.81         8         34         17.30         5.95         0	5		-	9	1.88	0.58	-	7	1.90	0.58	0	-	1.07%	.0.40%
OTHER TRESPITATIONY SYSTEM DIAGNOSES WIGHOUS SYSTEM DIAGNOSES WIGHT SYSTE	ē !		-	2.	4.05	60.1	_	19	3.90	1.23	0	'n	3.69%	.12.08%
CARDIAC VALVE PROCEDURE W CARDIAC CATH  CARDIAC VALVE PROCEDURE W/O CARDIAC CATH  8 34 17.30 5.95 0	<u> </u>	- 1	-	9	2.12	0 75	-	9	2.10	0.67	0	0	%. 	10.04%
CARDIAC VALVE PROCEDURE W/O CARDIAC CATH  CARDIAC VALVE PROCEDURE W/O CARDIAC CATH  CORONARY BYPASS W CARDIAC CATH  8 34 17.43 5.81 8 34 17.30 5.95 0	2 3		; ;	: 4	: 6	: 5	o ;	ه م	8 8	: 8		į	: 2	
CORONARY BYPASS W CARDIAC CATH 8 34 17.43 5.81 8 34 17.30 5.95 0	5 5		<u>,                                    </u>	ر د د	16.45	2 0	<u>,</u>	ç e	9.95	27.0	o c	<b>o</b> c	K12.1	12.25%
	. E		- a	\$ 5	17.43	5.81	- a	\$ 5	2 5	5 6 6			0.77%	2 12%
	!		,	3	2	·	)	;	3	3	,	,	?	

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EXHIBIT 3-1: VERSION 4 AND VERSION 8 DRG GROUPER WEIGHTS AND Dop TRIM POINTS (CONTINUED)

		VERSION	<b>4</b>			VERSIONS	æ Z					
	NON	ij		DRG	MOI	HGH		ORG	DIFFERENCE IN LOW	DIFFERENCE IN HIGH	PERCENTAGE DIFFERENCE	PERCENTAGE DIFFERENCE
DAG DESCRIPTION	CUTPOINT	히	GLUS	WEIGHT	CUTPOINT	CUTPOINT	GLOS	WEIGHT	CUTPOINTS	CUTPOINTS	\$010°	IN WEIGHT
107 COBONABY BYPASS W/O CARDIAC CATH	7	8	13.83	4 89	,	77	13.50	5.13	c	ú	,	900
	. 🕳	27	10.47	3.77	· so	58	1.90	. S.				4 15 55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	~	<b>5</b>	7.87	4.07	0	0	0.00	•	Ġ	.24		
110 MAJOR CARDIOVASCULAR PROCEDURES W.C.C	7	35	18.39	3.71	3	ଷ	12.80	80.4	4	ę	30.39%	10.09%
	9	8	13.15	5.80	4	88	2.5	530	Ġ	5	14 85%	3.53%
	8	<b>R</b>	6.41	231	2	23	6.30	2.27	•	0	1.65%	- 94 %
	g	8	22.72	3.63	=	\$	27.00	3.90	ç	s.	18 86%	7.43%
	~ 0	<b>%</b> 3	06 f	5.05	2	ж.	86 6	1.85	0	<b>o</b> ;	0.03%	.9.93%
1	2	54	8	4 /2	4	8 8	2.0	4.72	2	4	166.75%	0.01%
116 PERM CARDIAC PACEMAKEN IMPLANT W/O AMI, HEAKT FAILURE OF SHOCK	~ (	≂ 8	74.0	Q :	۰ ۲۰	8 8	6.40	3.12	۰,	~ '	17.09%	2.51%
11/ CANDIAC PACEMANEN MEVISKON EXCEPT DEVXE MENTACEMENT	∾ ເ	7.5	6.5	8 8	- (	5, 5	0.4	2 2	<del>-</del> •	ņ	37.37%	17.64%
	<b>v</b> -	<u>-</u> a	9 00 0	5 5	٧ -	g •	0 t	א א ני	<b>&gt;</b> (	<b>n</b> (	. 503.	18.02%
		2, 4	8 8	2 00		o y	2 6	2.6	> <	o -	- 36% 6.43%	7,00%
1	8	2	7.61	2.17	9	24	8	212		٥	5.19%	2.30%
	N	21	4.97	1.51	8	8	5.40	8.	• •		8.68%	0.35%
	-	19	5.66	2.37	-	18	2.60	2.16	0	÷	-2.32%	8.73%
	8	ୡ	5.25	1.45	~	8	2.20	1.43	0	0	-0.88%	.1.47%
	-	6	25.	0.87	-	10	300	16.0	0	-	2.17%	4.43%
	~ 0	<b>R</b> :	12.75	3.71	~ .	<b>8</b> 1 :	12.80	Ξ'	0	0	0.37%	18.85%
12/ MEAN PALCINE & CHOCK	N (	<u>.</u> 2	7.67	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	N (	æ 8	6.6	3 8	0 (	0 (	1.92%	1./4%
	v -	7 <u>5</u>	9 0	2 6	۰ -	7 F	8 9	5 5	<b>-</b>	<b>-</b>	% 30 C	% I I 9-
	~ ~	2 2	8 4 78	1.15	۰ ،	2 %	8 6	2 %	- c	<b>-</b>	3.037	10.06%
ı	-	18	3.76	0.76		12	9 20	17.0			.151%	7.34%
	_	51	3.59	1.07	_	61	4.10	1.59	. 0	. 4	14.23%	48.37%
	-	12	5. 5.	0.97	-	14	3.20	1.21	0	۲	8.89%	25.09%
		<u>.</u>	3.00	0.65	-	2 :	2.90	0.61	0	-	3.29%	%60'9; 1
-	-	81	3.88	8	-	શ	8	1.83	0	,	8.26%	90.94%
136 CARDIAC CONGENITAL & VALVULAR DISORDERS AGE > 17 W/O CC		5 ~	2.46	4 2		2 4	5.50	0.61	0 0	o '	\$ 35 \$ 36	.17.97%
		- 4	3.33	680		. <u>7</u>	8 6	60	-	¥ -	803%	4.90%
	-	60	2.24	3	-	, co	2.30	09:0	. 0	. 0	2.49%	%00·9
- 1	-	G	2.76	0.81	-	65	2.80	0.79	0	0	1.46%	.5.96%
	-	13	3.02	69.0	ı	13	3.00	0.68	0	C	.0.62%	.1.96%
		<b>co</b> (	5.50	2 2 3	-	os (	23	Q (	0	,	4.32%	0.49%
145 CHEST PAIN 146 CHEST PAIN 147 CH		<b>-</b> 7	3, 5	غ خ خ	- •	ج ع	8 5	62.0	0 (	0 (	2.04%	%16.7.
		<b>,</b> =	2.55	2 6		<b>,</b> 9	5.6	0.87	<b>.</b>	o <del>-</del>	*2/: *26:	4.14%
146 RECTAL RESECTION W CC	9	31	14.62	3.29	_	83	15.30	2.78	-	-	4.68%	15.34%
	9	27	12.43	2.35	4	27	10.80	1.71	ç	0	-13.14%	.27.44%
	φ.	ନ୍ତ :	13.89	92.5	9	E :	14.00	3.51	•	-	0.81%	1.31%
149 MAJOH SMALL & LANGE BOWEL PHOCEDOHES WIG CO.	<b>-</b>	<u> </u>	8.74	9 8	ın v	<u> </u>	8 8	<u>.</u> .	-	0 (	8.65%	6.24%
151 DEBITOMEN ADMENDING WAS CO.	9	8 8	06.0	3 4	,	87 6	3 8	1,75		, -	3.10%	40.40
	<b>.</b> -	3 2	5 0	8 %	v <b>v</b>	ī 8	5 5	6.6	ۍ د	- 5	3.1676	19.12% is 40%
	-	· m	1.25	8	-	2 5	8.3	1.14	0	. <u>6</u>	244.36%	14.70%
154 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE >17 W.CC	•	8	12.57	3.45	s	31	14.70	36.	-	~	16.96%	5.31%
155 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE >17 W/O CC	2	ន	6.57	2.09	2	25	2.8	1.79	0	-	15.67%	-14.33%
	~	Ξ :	4.36	86.	~ ∶	<u>5</u>	9.4	1.28	0	~	5.49%	18.82%
	- •	ត្ .	8.5	86.0	-	₹ 1	8 9	06.0	0 (	~ •	% 5.5% 	8.02%
138 ANAL AND STOMME PROCEDURES WOLCO	- (	٠ :	9.40	20.0	- (	- 8	04.5	8 9	<b>o</b> (	٥ (	0.14%	8089 8089
	,	9	8	9	`	<	-	2	_		ť	

EXHIBIT 3-1: VERSION 4 AND VERSION 8 DRG GROUPER WEIGHTS AND Dod TRIM POINTS (CONTINUED)

	-							•		JUNDO DODO	Difference	2041430030	
	9	MOT	HGH F		DRG	LOW	H E E		DRG	IN LOW	IN HIGH	DIFFERENCE	DIFFERENCE
DRG DESCRIPTION	CUTPOIN	-	CUTPOINT	GLOS W	WEIGHT	CUTPOINT	CUTPOINT	GLOS	WEIGHT	CUTPOINTS	CUTPOINTS		IN WEIGHT
160 HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL AGE 317 W/O CC	WO CC	_	œ	2.57	0.81	-	90	2.60	62.0	0	0		2.40%
		_	o	38	0.85	N	=	3.40	0.70	-	~	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	17.45%
162 INGUINAL & FEMORAL HERNIA PROCEDURES AGE >17 W/O CC		_	9	2.19	25.0	-	9	2.30	0.53	0	0	3.440	2.34%
163 HERNIA PROCEDURES AGE 0-17			2	1.23	0.43	-	2	2,5	0.45	٥	0	2 14%	4 69%
164 APPENDECTOMY W COMPLICATED PRINCIPAL DIAG W CC		5	19	9.72	2.39	5	90	06.6	211	0	-	1.85%	1141%
		9	15	96.36	1.25	e	15	6.40	-	0	0	0.64%	5 14%
		2	13	28	1.24	5	13	6.90	<b>c</b> -	0	0	1 22%	15 90%
		2	9	3.25	0.70	8	9	83	0.71	0	0	.1 40%	1 71%
ı		2	22	5.61	-85	-	15	3.70	96:0	ŀ	۲.	34 02%	48 23%
		_	6	2.85	0.93	-	S	8	0.65	0	4	36.86%	29.88%
		2	ឧ	96.9	25.	~	54	7.80	2.87	0	-	12.09%	2.47%
		_	2	2.88	2	-	12	8	96.	0	0	0.83%	13.78%
			. 2	4.12	27.5	_	25	8.5	<b>8</b>	0 1	_	26.22%	29.57%
- [		_	80	1 78	2	-	6	8	1.14	0	-	1.15%	10.88%
1/4 G.I. HEMOHHHAGE W.CC			<b>*</b> (	<b>X</b>	را. در در	ν.	ភ្នំ •	9.70	9 5	- ‹		15.77%	7.79%
			۰ م		2 8		• •	3 5	6.0	<b>-</b>	٠ ،	\$ 50.4 \$ 90.4	5 5 C
INCOMPLICATED TESTING CLOSES	_		`:	8 5	2 0	- <b>-</b>	+ <u>4</u>	2 6	5 6		? <	% B.O.C.	% /O' /
UNCOMPLICATED PEPTIC ULCER W/O CC			- 4	48	890		<u>.</u> 4	3.5	900	o c	<b>†</b> C	5.60%	4 4 7%
1			٥	3,45	2 2	-	0.	07.0	200	, ,		1 20%	70.00
			. ¥	2.73	3 5		<u>.</u> £	5 6	2	o c	> <	6.00°	806
			2 2	289	990		2 5	8 2	65.0		• 0	. 30.0 %61.0	1.4%
	17 W CC		e on	2.18	0.75	-	2	2.40	0.72			10.03%	4.19%
	17 W/OCC	_	· vo	99	95.0	-	4	9.1	35.0	0	<del>-</del>	3.66%	3.80%
184 ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS AGE 0-17	17	_	4	1.70	0.33	-	4	1.70	0.35	0	o	%80.0	1.22%
	AGE >17	_	5	2.21	06:0	-	6	2.10	0.74	0	-	4.84%	.17.38%
	AGE 0-17	_	<b>e</b>	33	0.42	-	9	1.40	0.41	0	0	0.58%	-3.01%
187 DENTAL EXTRACTIONS & RESTORATIONS			~ •	8 8	9 6		∾ ;	8 8	<b>3</b> 5	0 0	0 0	1.84%	30.27%
1			9	200	3 2	- -	į c	3 5	5			2000	2007.
			v 4	2 4	9 0		v (*	8 8	9 6	o c	o <del>-</del> ,	.7.49%	%/8// %05/C
		- 4	· 35	17.76	90.5	·w	35	18.20	5.13	, <b>-</b>	· <b>-</b>	2.45%	0.53%
	.,	9	8	13.06	5.27	6	58	11.20	2.91	0	ņ	.14.25%	44.65%
193 BILIARY TRACT PROC EXCEPT ONLY TOT CHOLECYST W OR W/O C.D.E. W	OC.D.E. W	3	28	11.20	3.34	5	33	16.40	3.39	2	\$	46.48%	1.53%
_	O C.D.E. W/	_	21	4.87	2.04	4	52	9.00	1.75	3	4	84.87%	.14.21%
		so.	8	10.12	505	;	2	8	1.87	0	<del>-</del>	.2.16%	8 70%
196 IDIAL CHOLECYSIECIOMY W.C.D.E. WALCO	_	4 (	≥:	35.00	3 :	4 (	₽:	9 9	1.42	٥ ،	- (	3.32%	. 45%
		, c	<u>.</u> «	6.63	9	n er	<u>&gt;</u> 00	5 8	. ø	o c	<b>n</b> c	13.54%	200 ×
1		4	3	16.02	16	4	33	16.40	238		0	2.38%	24.35%
		_	8	5.03	2.47	-	5	4.70	.93	0	7	6.64%	21 77%
		_	2	4.32	2.73	-	21	4.40	2.62	0	0	1.96%	4.12%
		-	8	5.55	8:	-	55	5.60	1.7	0	0	% <b>76</b> :0	. 5.73%
		_	8	5.05	30	-	2	5.10	1.37	٥	٥	1.04%	5.84%
		2	<u>6</u>	4.87	10.1	5	8	8.9	1.18	0	-	0.55%	16.19%
		_	8	203	1.78	-	8	200	98	0	0	-0.33%	4.52%
		-	<del>.</del> 5	2.78	0.7	_	4	S :	0.59	0	_	4.32%	20.63%
207 DISORDERS OF THE BILLARY TRACT W.C.		-	<b>დ</b> ი	3.77	<b>3</b> 8		Ö (	86.6	90.5	0 0	~ 0	3.47%	13.27%
1	1		2 8	077	2 2	- -	2 3	2	0.00		۰	6.30%	2/47
209 MAJOH JOHN & LIMB REALLACHMENT PROCEDURES		<b>30</b> 4	₹ 2	14.89	8, 8	<b>20</b> W	9 8	14.70	85 S	0 0		\$06.1. 80.00 80.00	\$ 60°C
		0 65	<b>5</b>	9 6	- 6	o e	3 2	10.40	2 5	<b>,</b>	<del>.</del> -	6 10 c	40.4
			2 8	90	141		; 6	9	3 -	· c		7.00	% BO ^
			3	3	•	,	33	3	5	,	-	2	3

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EXHIBIT 3-1: VERSION 4 AND VERSION 8 DRG GROUPER WEIGHTS AND Dod TRIM POINTS (CONTINUED)

		VEHSION	4			VENSION	2		1	1		
	WOT	į		DAG	MOT	Ē		DRG	DIFFERENCE	DIFFERENCE	PERCENTAGE DIFFERENCE	PERCENTAGE DIFFERENCE
DRG DESCRIPTION	CUTPOINT	CUTPOINT	SO TO	WEIGHT	CUTPOINT	CUTPOINT	GLOS	WEIGHT	CUTPOINTS	CUTPOINTS	SO19 *	IN WEIGHT
213 AMPLITATIONS FOR MISCHIOSKELETAL SYSTEM A CONN LISSLIF DISORDER	-	7.6	21.01	7,	-	7.0	10.40	232	c	c		28 80%
	4	; <del>8</del>	13.36	2.43	4	3 6	8.	3	. 0	·		20.24%
	e	74	9.36	1.51	၈	52	8.40	1.28	0	-	0.43%	16 60%
	1	21	£.	1.31	-	21	4.40	1.72	0	0	2 65%	31 74%
217 WND DEBRID & SKN GRFT EXC HAND, FOR MUSCSKELET & CONN. TISS DIS		23		2.03	-	\$2	8.60	5.62	0	~	28 99%	29.22%
218 LOWER EXTREM & HUMER PROC EXCEPT HIP, FOOT, FEMUR AGE >17 W CC		%	; 39	1.87	e e	8	06.6 6	1.61	•	0	% 49 6	13.77%
	2	16	4.21	8	٥	17	8.3	1.03	0	-	2 04%	4 70%
	-	80	2.43	0.81	_	œ	2.40	0.79	0	0	-1.42%	.5.05%
	2	2	6.11	3,	2	24	2.70	1.53	0	-	26.12%	21 05%
		= :	% %	<b>3</b>	<b></b>	<b>9</b>	25.50	66.0	c	<del>-</del> -	1.72%	17.13%
	- E	13	3.59	1.12	_	= '	3.30	88		Ċ.	.7.99%	.20.81%
		Ç (	3.18	0.77	<b>-</b> ,	₽ '	3.2	0.74	. (	0 (	0.70%	4 16%
		9 ;	203	0.72	<b>,</b> ,	<b></b>	8.3	0.74	0 (	0 (	%101%	2.59%
٩	- -	8	16.5	3	_	2	2 6	2	0	2	30.35%	12.71%
22/ ST TISSUE PHOLEDURES WINDED		<b>.</b>	2.2	27.0		<b>»</b> ;	3 6	ر د د د	0 0	<b>5</b> 6	4.03%	4.33%
1			5 9	90.0		: <b>•</b>	3 5	190	> <		% 7C.1.	5 75 A
		, 5	8 6	3 2		, 5	3 5	9	· -		1.40%	5.53%
		ş ~	8 2	98		ē ~	8 2	96		0	0.75%	9.51%
	-	9	2	39.0	-	9	2.00	76.0	0	0	3.16%	51.60%
233 OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC W CC	~	%	9.15	2.42	c	27	10.50	2.67	-	-	14.70%	10.33%
	-	13	2.77	86.0	-	12	2.90	\$	•	<del>-</del>	4.60%	5.27%
_	<u>-</u>	8	3.57	55	<b>,-</b>	8	3.50	1.22	0	٥	.5.02%	.2.61%
- 1	-	ន	631	8	-	23	6.30	1 19	0	0	0.14%	19.09%
	- (	17	3.13	<b>3</b> 5	<b>-</b> (	7 5	9.5 0.5	<b>X</b> 8	• ·	0 (	0.85%	16.34%
COS COLECIMATELINOS  ZOS DATUDIOSER EDACTIDES A MISCINIOSKEIETALA COMMITIES MALIONON	, .	8 8	9 9	9 5	٧ -	ű č	8 2	8 2	<b>-</b>	<b>&gt;</b> c	2.60%	27.65
	 	3 8	99	. 67		! %	8 8	1 2	, c	<b>-</b>	, 20. , 40.7°,	3,69%
		; <u>=</u>	3.55	0.85		3 22	3.8	0.72		- 0	-0.75%	-14.79%
1	2	2	5.89	1.21	2	æ	9	1.47	0	-	1.82%	21.34%
	-	91	3.51	0.74	-	19	3.50	0.63	0	0	-0.33%	15.70%
	-	8	3.79	0.82	_	21	8.3	<u> </u>	0	-	13.39%	62.84%
		7:	8 8	0.65		7.	8 6	96.0 0	0 (	0 (	0.17%	46.03%
242 ROME & CANDING OF MISCHINGKEI FTAL SYSTEM & COMMITTEENED	- -	5 4	5	20.00	- -	2	0/5	8 6	0	0	2000	6.450
		. <del>1</del>	27.0	90			8.8	8 6	<b>.</b>	o <del>"</del>	6.03%	333%
	_	; <b>v</b> o	2.56	0.79	-	۰ ا	1.70	0.83	• •	· <b>-</b>	8.67%	4.30%
	-	7	2.43	0.74	<b>,-</b>	4	2.70	9.0	•	0	11.07%	14.09%
- 1	-	7	1.82	0.46	-	7	- 98	0.51	0	0	.1.13%	13.14%
		5	1.17	0.32		2	1.2	96.0	0	0	2.73%	14.19%
	_	8	3.33	0.82	-	8	3.30	0.93	0	0	%96.0·	13.62%
	_	<b>ao</b> (	8	0.47	-	<b>a</b>	8	0.52	0	0	0.14%	10.29%
256 FX, SPRN, STRN & DISLOF UPARM, LOWLEG EX FOOT AGE 0-17	- •	ი ;	4 5	0.37	- •	ოქ	5. 6.	0.42	0 (	۰.	2.45%	13.00%
TOTAL MASTERIAL TOTAL STRIEM & CONNECTIVE TISSUE DIAGNOSES	- .	=   8	2 2	8	- -	2 3	2 8	/9/0	0	- -	3.69%	5/1
23/ TOTAL MASTECTOMY FOR MALIGNANCY WICE 258 TOTAL MASTECTOMY FOR MALIGNANCY WICE	* *	8 <del>1</del>	6 6	5 5	• •	2 z	8 8	<b>2</b> 6	o c	c	3.55 C	A. 19.9.
	-	2 =	2.28	6	· -	2	8 8	1.37	, 0	່າ	31.46%	15.33%
	_	S	1.59	0.79	-		1.60	0.74	0	٥	0.43%	6.32%
261 BREAST PROC FOR NON-MALIGNANCY EXCEPT BIOPSY & LOCAL EXCISION	- z	0	2.75	0.91	-	œ	2.80	0.93	0	0	1.93%	3.05%
1	-	~	1.17	0.52	-	2	1.28	0.55	0	0	2.49%	5.98%
	<b>4</b>	8	15.29	5.96	sc	98	19.00	3.05	-	4	24.25%	2:09%
	~	ន	6.91	1.87	2	52	8.10	1.89	0	~	17.28%	0.88%
SECTION CAPET AND CHARGE EXCEPT END CHARGE C	_	74	7 5 1	7.	•	40	8	•	•	•		ì

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EXHIBIT 3-1: VERSION AND VERSION 8 DRG GROUPER WEIGHTS AND Dod TRIM POINTS (CONTINUED)

			VERSION	4 4			VERSION 8	80 Z					
		MOI	HIGH		DRG	MOT	HGH		DRG	DIFFERENCE IN LOW	DIFFERENCE IN HIGH	PERCENTAGE DIFFERENCE	PERCENTAGE DIFFERENCE
DAG	DESCRIPTION	CUTPOINT	CUTPOINT	GLOS	WEIGHT	CUTPOINT	CUTPOINT	GLOS	WEIGHT	CUTPOINTS	CUTPOINTS	F. GLOS	IN WEIGHT
98	SKIN GRAFT AND/UR DEBRIO EXCEPT FOR SKIN ULCER OR CELLULITIS W/	-	9	3.40	0.92		8	35	0.95	0	^		2.82%
28	PERIANAL & PILONIDAL PROCEDURES	-	on	25.52	0.49	-		2.50	0.53	0	0		3,908
<b>8</b> 8	SKIN, SUBCUTANEOUS TISSUE & BREAST PLASTIC PROCEDURES	-	7	2.13	12.0	-		2.10	0.78	0	0	101%	9.68.6
8	OTHER SKIN, SUBCUT TISS & BREAST OR, PROC W CC	-	13	2.24	3	-	21	4.60	1.85	0	80	105.1 %	19 58%
270	OTHER SKIN, SUBCUT TISS & BREAST O'R. PROC W/O CC	<del></del> 1	4	1.47	0.75	- (	4 ;	8	0.73	0	0	- %	172%
271	SKIN ULCERS	<b>N</b> (	R 8	6.72	2 :	N (	₹ 8	0.7	9.	0 (	- (	5 69%	32.64%
2/2	MALCH UNIO DISCHOLERUS W CC	v -	7 :	5 6	2	v •	7 :	5.0	<b>3</b>	<b>.</b>	o •	% / / 6	3,37
274	MALCHANT SPEAST DISCRETE TROW CO		s 5	2 4	127		- 7	3 5	. e	o c	<del>.</del> c	%64 o	6 63%
275	MALIGNANT BREAST DISCRIDERS W/O CC	-	5	1.57	97.0	-	\$	- 69	- 63	ں	0	2.12%	113 35%
276	NON-MALIGNANT BREAST DISORDERS	-	6	1.31	0.53	-	3	1.30	69.0	0	0	%86.0	30 06%
277	CELLULITIS AGE >17 W CC	8	15	90'9	1.03	2	15	5.20	0.93	0	0	2.75%	9.34%
278	CELLULITIS AGE >17 W/O CC	~ -	5 ,	3.45	0.75	~ -	5 ,	6 8 5	99.0	0 0	00	1.36%	.12 18%
ŝ	TOALIMA TO THE SKIN SHIPCHT TISS & BOCAST ACC 17 WOO		٥	5 6	3 9	-	\  \  \  \  \  \  \  \  \  \  \  \  \  \	2 6	24.0			3 15%	97.83%
3 2	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 317 W/O CC	- <del>-</del> -	ō æ	18.	14.0	- ,-	9	9 5	15.0	o c	o c	5.02%	%69.72
28	TRAUMA TO THE SKIN, "JBCUT TISS & BREAST AGE 0-17		• •	1.47	0.32	. "	4	3 8	98.0	0	0	2.05%	19 05%
283	MINOR SKIN DISORDERS W CC	-	12	2.63	0.72	-	4.	3.20	0.74	0	~	21.13 /4	3 72%
284	MINOR SKIN DISORDERS W/O CC	1	5	1.68	0.51	1	5	1.70	0.50	0	0	1 20%	0.44%
282	AMPLIAT OF LOWER LIMB FOR ENDOCRINE, NUTRITAMETABOL DISORDERS	4	8	17.76	2.34	4	8	17.80	2.74	0	0	0.21%	17 47%
98	ADRENAL & PITUITARY PROCEDURES	4	<b>58</b>	11.76	2 41	4	58	1.8	2.11	0	0	0.31%	24.85%
283	SKIN GRAFTS & WOUND DEBRID FOR ENDOC, NUTRIT & METAB DISORDERS	ന	27	80.0	<b>3</b> 8	~ 0	23	2 8	23	÷ •	0 (	%60'6	14.89%
8 8	D.H. PHOUSUUMES FOR OBESITY  PARATHYROID PROCEDURES	e e	12 4	8. 4 8. 5	28.0	~ ~	5, 5	9 6	£/ c	<b>o</b> c	o 7	%90.0 %95.0	5 14%
8	THYROID PROCEDURES	,	2 ~	3.76	120	, ,	,	3	75.0		-   -	% 6C 0	3 33%
3 8	THYROGLOSSAL PROCEDURES	ı	~ <b>.c</b>	4	0.42	. <b>-</b>	- 40	8 6	0.51	0 0		.145%	19.69%
8	OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC W.CC	۰ %	98	8.6	5.05	۰ ۵	27	10.25	3.12	0	· –	10.82%	52 02%
83	OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC W/O CC	-	61	2.76	1.53	-	19	2.90	95.0	0	0	5.22%	.38 52%
₹	DIABETES AGE >35	2	13	4.51	92.0	2	14	4.60	0.76	0	-	2.05%	0.50%
295	DIABETES AGE 0-35	-	13	3.67	75.0		13	3.70	0.59	0	0	0.76%	8 38%
8 8	NUTRITIONAL & MISC METABOLIC DISORDERS AGE > 17 W CC	_ ,	9- 3	25 G	1.07		ଛ :	8.8	1.13	0 (	~ :	9.89%	6.23%
<b>R</b>	NOTHINGNAL & MISC METABOLIC DISCHDERS AGE > 17 W/O CC	•	₹ °	33.5	5/3		<b>?</b> °	9 6	0.57	<b>&gt;</b> 0	<b>5</b> 6	0.81%	%57.77.
8 8	INBORN ERRORS OF METABOLISM		ų 4	2.65	2 5		u 4	8 8	103	0	0 0	, 40 , %	%20 0 55%
8	ENDOCRINE DISORDERS W CC	_	21	4 73	8	-	21	8	1.05	0	0	1.46%	0.84%
ē	ENDOCRINE DISORDERS W/O CC	-	4	2.89	99:0	-	15	3.00	0.63	0	-	3.82%	4 96%
ğ	KIDNEY TRANSPLANT	12	45	5 <b>2</b> 5	17.1	12	42	26.00	6.75	•	0	% 40:0	8164%
88	KIONEY, URETER & MAJOR BLADDER PROCEDURES FOR NEOPLASM KIONEY LIRETER & MAJOR RI ADDER PROCEDURES FOR NOVINEDELW CO	so c	8 %	13.5 2.0	25. c	ان دن ع	8 %	13.70	2.52	o - -	0 -	1.04%	7 55%
SS	KIDNEY, URIT - R & MAJOR BLADDER PROC FOR NON-NEOPL W/O CC	2	23	6.74	-38	2	ន	06.9	1.23	0	0	2.33%	.10.21%
ğ	PROSTATEL: UMY W CC	3	12	5.21	2.10	6	19	90	75	0	7	32.35%	.26.46%
8	PROSTATECTOMY W/O CC	e :	<b>6</b>	4.21	8	en ·	۷,	8.3	0.81	0	<del>-</del>	2.24%	21.20%
8 8	MINOR BLADGER PROCEDURES WICC	C -	5 5	8. č	5. 6	~ -	ឌៈ	9 6	14. 14. 18.	0 0	<b>∾</b> 7	29.14%	3.18%
30	TRANSURETHRAL PROCEDURES W.CC	-	2	32	2	-	14	976	8 8	0	4	14 92%	2.11%
3.5	TRANSURETHRAL PROCEDURES W/O CC	-	9	38	0.75	-	: ^	250	0.74	, 0	-	4 90%	0.58%
312	URETHRAL PROCEDURES, ACT > 17 W CC	2	Ξ	3.82	0.78	8	12	3.80	0.75	0	-	.0.61%	4 09%
313	URETHRAL PROCEDURES, AGE >17 W/O CC	-	5	2.81	0.65	-	0	2.80	0.65	O	0	-0.50%	1.28%
314	URETHRAL PROCEDURES, AGE 0-17	-	2	1.22	0.53	-	,	2	98.0	0	0	1.44%	4.81%
315	OTHER KIDNEY & URINARY TRACT O.R. PROCEDURES	~ •	53	6.95	26.5	<b>.</b> .	8 9	2.90	2.27	<del>.</del> (	₹ (	-15.14%	13.96%
2 6	ADMIT FOR DENAL DIALVSIS	- •	<u>-</u> ·		5		<u>-</u>	3 5	9 6	> 0	<b>v</b> c	15.35%	32 03%
3.6	KIDK OV A URINARY TRACT NEODI ASMS WICE		(,	5 4	137		- 2	3 5	3 4	<b>-</b>	o	%10.5.	12.66%
;								}	3	,		2	}

EXHIBIT 3-1: VERSION 4 AND VERSION 8 DRG GROUPER WEIGHTS AND Dod TRIM POINTS (CONTINUED)

COMPANY TRACE RECORDERS NOT COMPANY TRACE REPORT CONTROL NOT CONTROL													
Control of the cont		MO)	HIGH		DRG	MOT	HIGH		DAG	DIFFERENCE IN LOW	DIFFERENCE IN HIGH	PERCENTAGE DIFFERENCE	PERCENTAGE DIFFERENCE
COOKY & LANANY TRECTORS ALE 37 W.C.C.  COOKY TRECTOR ALE 37 W.C.C. ACCESS WITHOUT TRECTORS ALE 37 W.C.C.  COOKY TRECTOR ALE 37 W.C.C. ACCESS WITHOUT TRECTORS ALE 37 W.C.C.  COOKY TRECTOR ALE 37 W.C.C. ACCESS WITHOUT TRECTORS ALE 37 W.C.C.  COOKY TRECTOR ALE 37 W.C.C. ACCESS WITHOUT TRECTORS ALE 37 W.C.C.  COOKY TRECTOR ALE 37 W.C.C. ACCESS WITHOUT TRECTORS ALE 37 W.C.C.  COOKY TRECTOR ALE 37 W.C.C. ACCESS WITHOUT TRECTORS ALE 37 W.C.C.  COOKY TRECTOR ALE 37 W.C.C. ACCESS WITHOUT TRECTORS ALE 37 W.C.C.  COOKY TRECTOR ALE 37 W.C.C. ACCESS WITHOUT TRECTORS ALE 37 W.C.C.  COOKY TRECTOR ALE 37 W.C.C. ACCESS WITHOUT TRECTORS WITHOUT TREAT TREATMY TRECTORS WITHOUT TREATMY TREATM		CUTPOINT	CUTPOINT	GLOS	WEIGHT	CUTPOINT	CUTPOINT	GLOS	WEIGHT	CUTPOINTS	CUTPOINTS	. GLOS	IN WEIGHT
Value of a constraint   Valu		-	01	2.15	0.69	-	51	2.30	1.15	0	2	2,	65.71%
VACINGE 10 HINANT PIACE TAKE CLASS AGE 17 WOCK   VACINGE 10 HINANT PIACE TAKE CLASS AGE 17 WOCK   VACINGE 10 HINANT PIACE TAKE CLASS AGE 17 WOCK   VACINGE 10 HINANT PIACE TAKE CLASS AGE 17 WOCK   VACINGE 10 HINANT PIACE TAKE TAKE TAKE TAKE TAKE TAKE TAKE TAK		8	91	4.58	0.95	8	17	4.80	0.95	0	<b>-</b>	4 / 1%	0.00%
Chief House Y BACK SOCK SMETCHAS AGE 17 WCC.   1 2 35 0 155   1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2	80	3.12	0.65	5	o	3.20	0.63	0	-	2,69%	3 26%
Chicago Control Review ProcEctories (2007)   Chicago Control Rev	- {	2	8	3.05	0.55	2	89	88	0.55	0	0	1 /9%	0.71%
Code 1		-	Ξ'	5.38 5.38	8 3		= '	3.10	0.76	0	0	4 83%	19 17%
Vicility 10		- •	ָי פ	8 8	8 6		o i	3 6	9.0	<b>o</b> (	- (	5.18%	14.55%
Head Strick   Content and St		- •	ŭ o	2 2	20.0	- •	ဂ္ဂ	9 6	5 5	- ·	э.	3.08%	17.48%
The Hand STRICTURE GGE 21 WOCCOOKER WAS 21 WOCCOOKER WA			<b>7</b> 00	2 23	5 5		10 <del>4</del>	8 8	20.02	<b>&gt;</b>	<b>∵</b> ₹	363%	27.00%
URE THALE STRUCTURE AGE 01   1   1   1   1   1   1   1   1   1		- -	ي اد	1 25	9	- -	ď	3 8	690		-	%CO 22.	40307
UNCHER KIONEY LA UNIANAT TRACE DIAGNOSES AGE 517 WCC  OTHER KIONEY LA UNIANAT TRACE DIAGNOSES AGE 517 WCC  OTHER KIONEY LA UNIANAT TRACE DIAGNOSES AGE 517 WCC  OTHER KIONEY LA UNIANAT TRACE DIAGNOSES AGE 517 WCC  OTHER KIONEY LA UNIANAT TRACE DIAGNOSES AGE 517 WCC  INANGARIE HALL PROCEDURES WITH CCC  TRANSLING HALL BROCKLOUGH SWICH CCC  TREST SPROCEDURES WITH CCC AND ALL CANNOT CCC  TEST SPROCEDURES WITH CCC AND ALL CANNOT CCC  TREST SPROCEDURES WITH CCC AND ALL CANNOT CCC  TRANSLING HALL BROCKLOUGH SWICH T			oc	9 6	3 5		۸ ۵	3 5	2 6 6	o c	<del></del>	4 73%	3.03% 405 81.
OTHER MOREY LA BUNANT PRIZED DAGAGES AGE 517 WOCC  OTHER MOREY LA BUNANT PART DAGAGES AGE 517 WOCC  OTHER MOREY LA BUNANT PART DAGAGES AGE 517 WOCC  AACON ALE FELVE PROCEDURES WITH CC  AACON ALE FELVE PROCEDURES AGE 517 WOCC  AACON ALE FERVE PROCEDURES WITH CC  AACON ALE FERVE PROCEDURES WITH CC  AACON ALE FELVE PROCEDURES WITH CC  AACON ALE FERVE PROCEDURES FOR MALICHANCY  AACON ALLE FERVE PROCEDURES FOR MALICHANCY  AACON ACCOUNT FOR FELVE FOR MALICHANCY  AACON ACCOUNT FOR FELVE FOR AACON ACCOUNT FOR FELVE FOR AACON ACCOUNT FOR FELVE FELVE FOR ACCOUNT FOR FEL			۰ ۸	3 5	90	· <b>-</b>	۰ ۵	3 2	0.0	o c	· c	222%	.8 47%
Other Holper's Uniform Traff Discoveries face 17   17   266 0.69   1   17   2   20   0.69   1   1   1   1   1   1   1   1   1		_	8	3.89	9	_	- 12	8	0.93		,	% <b>75</b> .	.14 72%
Other Richer's Handray Practical decoration of the state of the stat		_	12	2.65	09:0	-	2	2.70	0.63	0	0	1.88%	4.74%
MACHINE REPLY CROCEGUES WITH CC.   6 20 1034 124 204 15 6 20 1036 1238 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	l	-	8	28	95.0	-	6	2.10	0.87	0	-	14.06%	50.33%
MANSWIRTHALE PROSTATECTORY W.C.   6		9	88	12.14	5 5	9	ጺ	12.60	2.28	0	-	3.80%	11.94%
TARNSURETHARL PROSTATECTOMY WOCK   TESTES PROCEDURES NON-MALICANAWOCK   TESTES PROCEDURE NON-MALICANAWOCK   TESTES PROCEDURES NON-MALICANAWOCK   TESTES PROCE		9	ଷ	10.89	1.76	9	8	10.80	1.63	0	0	.0.83%	-7.04%
FRIEST PROCEDURES, FORM ALLICANACY AGE 17   FAISTER PROCEDURES, FORM ALLICANACY AGE 17   FAISTER PROCEDURES, FORM ALLICANACY AGE 17   FAISTER PROCEDURES, NOWAALICANACY AGE 17   FAISTER PAISTER PROCEDURES, NOWAALICANACY AGE 17   FAISTER PAISTER PAISTER PROCEDURES, NOWAALICANACY AGE 17   FAISTER PAISTER PAIS		е	<b>6</b> 0	4.81	96:0	က	5	5.20	1.05	0	2	8.12%	9.37%
FESTES PROCEDURES, FOR MALICANNOY AGE 17   1   1   1   1   1   1   1   1   1	Ų	3	9	4.2	0.78	3	7	50	0.73	0	-	3.78%	.6.39%
FESTES PROCEDURES   NOVAMACONANCY AGE 177   1   2   219   038   1   5   220   034   0   0   0		-	5	80.4	0.75	-	21	4.10	0.89	0	0	0.61%	19.66%
FISTER PROCEDURES, MONANICAMANCY AGE O17   1		-	s.	2.18	89	_	s.	8	<b>3</b>	0	0	0.78%	.6.67%
Figure Marie Reproductive System Audicanacy   1 10 2/7 054   1 10 050   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			∾ ;	8.9	0.49		n (	8.9	0.49	0	0 1	0.12%	1.10%
CHROLMGISCON MAGE 617  CHROLMGISCON MAGE 17  CHROLMGISCON MAGE 617  CHROLMGISCON MAGE 17		2 "	7.72	\$ 2		۶ د	5.6	50.0	0 0	0 0	2.56%	.1.55%	
OTHER MALE REPRODUCTIVE SYSTEM, MC CANALIGNANC CONTERNAL GRANECT AND ALLIGNANC CONTERNAL GRANECT AND ALLIGNANC CONTERNAL GRANECT AND ALLIGNANC CONTENT AND ALLIGNANCE AND A	Ţ	- -	-	5 6	96	- -	, -	2 5	3,0	0		5.00%	36,08%
OTHER MAIE REPRODUCTIVE SYSTEM, W.C.  MAIGNANCY, MALE REPRODUCTIVE SYSTEM, W.C.  MAIGNANCY, MALE REPRODUCTIVE SYSTEM, W.C.  BENGRAMAY WALE REPRODUCTIVE SYSTEM, W.C.  BENGRAMAY PROSTITION FARE REPRODUCTIVE SYSTEM  IN 11 2.98 0.65 1 11 2.00 0.50 0.64 0.0 1.0 1.0 0.65 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.			- 8	5.72	80		- 2	9 6	1.42	, ,		55%	31.52%
MALIGNAMENCY MALE REPRODUCTIVE SYSTEM, WOCC         1         21         4.26         1.37         1.9         6.00         1.27         0.6         1.1         2.70         1.16         0         2.7         1.16         0         2.7         1.16         0         2.7         1.1         2.70         1.20         0.5         1.1         1.20         0.5         1.1         2.70         1.1         2.70         0.50         0         1.1         1.70         0.53         0         0         1.1         1.70         0.53         0 <t< td=""><td></td><td></td><td> =</td><td>5.90</td><td>0.88</td><td>_</td><td>5</td><td>2.06</td><td>25.</td><td>. 0</td><td>, <del>-</del></td><td>-0.14%</td><td>38.52%</td></t<>			=	5.90	0.88	_	5	2.06	25.	. 0	, <del>-</del>	-0.14%	38.52%
BENIGN PROSTATION   WALE REPRODUCITIVE SYSTEM, WINCC   Fig.   BENIGN PROSTATION   WALE REPRODUCITIVE SYSTEM, WINCC   Fig.   BENIGN PROSTATION   WALE REPRODUCITIVE SYSTEM   WO CC   Fig.   Fi		-	21	4.25	1.37	-	83	9.00	1.27	0	8	41.04%	.7.04%
BENICAD PROSYTACL HYPERTROPHY W CC         1         6         188         0.65         1         1         2.20         0.50         0 </td <td>- 1</td> <td>-</td> <td>R</td> <td>3.32</td> <td>0.63</td> <td>-</td> <td>19</td> <td>2.70</td> <td>1.16</td> <td>0</td> <td><del>-</del></td> <td>.18.68%</td> <td>83.34%</td>	- 1	-	R	3.32	0.63	-	19	2.70	1.16	0	<del>-</del>	.18.68%	83.34%
SERICIATION AND CE   1		-	9	1.69	0.65	-	=	2.20	0.50	0	5	30.44%	.21.86%
Internation and the reproductive system   Internation and the reproduc		-	~	1.28	0.53	-	ო	1.40	0.46	0	-	9.55%	13.51%
STEPHILIZATION, MALE REPRODUCTIVE SYSTEM DIAGNOSES   1		•	Ξ,	86.5	0.67	- ,	Ξ'	9 8	0.62	0	0 (	%69.0	7.48%
PELVIC EVISCERATION, RADICAL HYSTERECTOMY & VULVECTOMY & 15.87 15.89 15.70 2.24 15.70 2.		- •	- u	3 5	9 9		- u	3 5	0.33	o 0	<b>5</b> 6	0.00% • 68%	8.45%
UTERINE ADNEXA PROCE FOR NON-OVARIAND MEXAL MALIGN WOLCE  UTERINE ADNEXA PROCE FOR NON-OVARIAND MEXAL MALIGN WOLCE  UTERINE ADNEXA PROCE FOR NON-OVARIAND MEXAL MALIGN WOLCE  UTERINE ADNEXA PROCE FOR NON-WARIAND MEXAL MALIGN WOLCE  UTERINE ADNEXA PROCE FOR NON-WARIAND MEXAL MALIGN WOLCE  UTERINE ADNEMA PROCE FOR NON-WARIAND MEXAL MALIGN WOLCE  UTERINE A DECEMBER A PROCE FOR NON-WARIAND MEXAL MALIGN WOLCE  UTERINE A DECEMBER A PROCE FOR NON-WARIAND MEXAL MALIGN WOLCE  UTERINE A DECEMBER A PROCE FOR NON-WARIAND MEXAL MALIGN WOLCE  UTERINE A DECEMBER A PROCE FOR NON-WARIAND MEXAL MALIGN WOLCE  UTERINE A DECEMBER A PROCE FOR NON-WARIAND MEXAL MALIGN WOLCE  UTERINE A DECEMBER A PROCE FOR NON-WARIAND MEXAL MALIGN WOLCE  UTERINE A DECEMBER A PROCE FOR NON-WARIAND MEXAL MALIGN WOLCE  UTERINE A DECEMBER A PROCE FOR NON-WARIAND MEXAL MALIGN WOLCE  UTERINE A DECEMBER A PROCE FOR NON-WARIAND MALIGN WOLCE  UTERINE A DECEMBER A PROCE FOR NON-WARIAND MALIGN WOLCE  UTERINE A DECEMBER A PROCE FOR NON-WARIAND MALIGN WOLCE  UTERINE A DECEMBER A PROCE FOR NON-WARIAND MALIGN WOLCE  UTERINE A DECEMBER A PROCE FOR NON-WARIAND MALIGN WOLCE  UTERINE A DECEMBER A PROCEDURE SYSTEM WOLCE  UTERINE A DECEMBER A PROCEDURE SYSTEM WOLCE  UTERINE A DEPOMBLE WARIAND MEXAL MALIGN WOLCE  UTERINE A DEPOMBLE WARIAND WOLCE WAS A DECEMBER WARIAND WOLCE WA		- 4	2	16.60	8 4	ي	2	2 2	100			200.0	200
UTERINE, ADMEXA PROC FOR NON-OVARIANVANIEXAL MALIG W/O CC FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES  UTERINE ADENEXA PROC FOR NON-WALIGNANCY UTERIUS & ADENEXA PROC FOR NON-WALIGNANCY UTERIUS & ADENEXA PROC FOR NON-WALIGNANCY UTERIUS & ADENEXA PROC FOR NON-WALIGNANCY W/O CC  UTERIUS & ADENEXA PROC FOR NON-WALIGNANCY W/O CC  UTERIUS & ADENEXA PROC FOR NON-WALIGNANCY W/O CC  2 10 4.14 0.98 2 10 4.10 0.91 0 0 1  UTERIUS & ADENEXA PROC FOR NON-WALIGNANCY W/O CC  2 10 4.14 0.98 2 10 4.10 0.91 0 0 1  UTERIUS & ADENEXA PROC FOR NON-WALIGNANCY W/O CC  2 10 4.14 0.98 2 10 4.10 0.91 0 0 1  UTERIUS & ADENEXA PROC FOR NON-WALIGNANCY W/O CC  2 10 4.14 0.98 2 10 4.10 0.91 0 0 1  UTERIUS & ADENEXA PROC FOR NON-WALIGNANCY W/O CC  2 10 4.14 0.98 2 10 4.10 0.91 0 0 0 1  UTERIUS & ADENEXA PROC FOR NON-WALIGNANCY W/O CC  2 10 4.14 0.98 1.50 0.69 1.50 0.69 0 1  UTERIUS & ADENEXA PROC FOR NON-WALIGNANCY W/O CC  2 10 4.14 0.98 1.50 0.69 0 1  UTERIUS & ADENEXA PROC FOR NON-WALIGNANCY W/O CC  2 10 4.14 0.98 1.50 0.69 0.69 0 1  UTERIUS & ADENEXA PROC FOR NON-WALIGNANCY W/O CC  2 10 4.14 0.98 1.20 0.69 0.69 0.69 0.69 0.69 0.69 0.69 0.6		. <del>4</del>	3, 20	5 5 8 6 8	S &	n 4	S 20	5.5	147	<b>-</b>		0.14% 5.25%	\$ 12.5 \$70.5.
FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES         3         4.89         0.94         3         5.10         0.84         0         0           UTERUS & ADENEXA PROC FOR OVARIAN OR ADNEXAL MALIGNANCY WAC         4         11         6.47         1.31         4         12         6.40         1.16         0         0         0           UTERUS & ADENEXA PROC FOR NON-MALIGNANCY WAC         2         10         4.14         0.98         2         10         6.41         0         0         0         0           UTERUS & ADENEXA PROC FOR NON-MALIGNANCY WAC         2         10         4.14         0.98         2         10         6.41         0		· 6	; <b>z</b>	6.02	1.07	. ო	7	6.10	0.91		, 0	1.35%	-15.15%
UTERUS & ADENEXA PROC FOR OVARIAN OR ADNEXAL MALIGNANCY         3         27         10.62         2.06         3         27         10.69         1.86         0         0           UTERUS & ADENEXA PROC FOR NOW-MALIGNANCY WIGHT         4         11         6.47         1.31         4         12         6.40         1.16         0         1           UTERUS & ADENEXA PROC FOR NOW-MALIGNANCY WIGHT         1         4         1.26         6.40         1.16         0         <		6	o	4.89	<b>3</b> 6.0	9	o,	5.10	0.84	0	0	4.39%	.10.12%
UTERUS & ADENEXA PROC FOR NON-MALIGNANCY W CC  UTERUS & ADENEXA PROC FOR NON-MALIGNANCY W CC  UTERUS & ADENEXA PROC FOR NON-MALIGNANCY W W CC  1 1 6.47 1.31 4 1.26 0.89 2 10 6.410 0.91 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 1	3	27	10.62	5.06	9	27	10.60	1.86	0	0	-0.19%	9.52%
ULENDIS & ADENEXA PROCEDIARS  ULENDI		4	Ξ	6.47	Ę.	4	12	6.40	1.16	0	-	.1.02%	.11.57%
VARIANCE LENNING LEN		~	ō ,	4.14	86.0	α,	۰ و	4.10	0.91	0	o ·	0.88%	7.40%
LATANCOCATÉ MINISTRANT LIBAL IN ETHIUP ION 1 1 3 145 0.69 1 3 150 0.73 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			m (	4	0.61	-	₹ (	8	69.0	0	- 1	6.33%	***
DBC. CONIZATION EXCEPT FOR MALIGNANCY         1         5         1.78         0.64         1         5         1.80         0.63         0         0           DBC, CONIZATION EXCEPT FOR MALIGNANCY         1         2         1.28         0         0.49         1         2         1.30         0.47         0         0           OTHER FEMALE REPRODUCTIVE SYSTEM OR WALKINGOUGHY SYSTEM W.C.         1         1.21         4.99         1.20         1         22         5.80         1.44         0         0           MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM W.O.C.         1         1         2.39         0.61         1         0         0         0           INFECTIONS, FEMALE REPRODUCTIVE SYSTEM W.O.C.         1         1         2.39         0.61         1         0         0         0			י ניי	. 45. 25.	9.0		m 0	8 8	5, 5	<b>-</b>	<b>5</b> C	3.21%	11 57%
DAG, CONIZATION EXCEPT FOR MALIGNANCY         1         2         1.25         0.49         1         2         1.30         0.47         0         0           OHER FEMALE REPRODUCTIVE SYSTEM OR.         1         1.25         0.49         1.21         1.5         3.90         1.28         0         0           OTHER FEMALE REPRODUCTIVE SYSTEM W.C.         1         21         4.99         1.20         1         22         5.80         1.44         0         0           MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM W/O CC.         1         11         2.39         0.61         1         0         0         0           INFECTIONS, FEMALE REPRODUCTIVE SYSTEM         2         7         3.71         0.64         2         7         3.70         0.58         0         0	1	  -  -	4	3 2	3 2	- -	<b>,</b>	3 8	800			1 000	900.0
OTHER FEMALE REPRODUCTIVE SYSTEM OR. PROCEDURES 1 15 3.87 1.21 1 15 3.90 1.28 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			n c	2, 6	\$ Q		, c	3 5	20.0	<b>&gt;</b> c	<b>.</b>	263%	2 05.6
MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM W CC         1         21         4.99         1.20         1         22         5.80         1.44         0         1           MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM W/O CC         1         11         2.39         0.61         1         10         2.30         0.86         0         .1           INFECTIONS, FEMALE REPRODUCTIVE SYSTEM         2         7         3.71         0.64         2         7         3.70         0.58         0         0			٠ <del>١</del>	78.5			. 5	8 8	200			\$ 00°C	900
MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM W/O CC 1 11 2.39 0.61 1 10 2.30 0.86 0 .1 INFECTIONS, FEMALE REPRODUCTIVE SYSTEM OF CONTROL O			5 2	8	, 5	. <b>-</b>	? ?	9 6	1 44	, ,	, <b>-</b>	16.21%	20.45%
INFECTIONS, FEMALE REPRODUCTIVE SYSTEM  2 7 3.71 0.64 2 7 3.70 0.58 0 0  MENETRIAL PROPULATION SYSTEM DISCORDER  1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			; =	239	190		1 2	8 8	98	0	- <del>-</del>	. 3.56°.	40.65%
MENSTONIAL POTOCOCCULATION OF COLUMN	1	2	7	3.71	20	2	7	3.70	0.58	0	0	0.16%	.9.25%
MENSINGHALA GUINER PERMALE HETHOLOCULIVE STSTEM DISCHILES 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	369 MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	-	4	1.53	0.42	-	4	1.50	0.47	. 0	0	1.70%	10.85%
3 11 5.36 109 3 11 5.40 0.96 0 0		6	Ξ	5.36	8	e	=	5.40	96:0	0	0	0.84%	11 45%
0		က	9	4.27	06:0	e	9	4.30	0.77	0	0	0.62%	.14 62%
3 6 4.30 0.1/ 0 0 0	CENAMEAN DECIRON W/O C. C.	<del>.,</del>	۵	12.4	36	.,	٥	3	//0	0	5	ر	.62%

EXHIBIT 3-1: VERSION 4 AND VERSION 8 DRG GROUPER WEIGHTS AND Dod TRIM POINTS (CONTINUED)

		12000										
	30	ij		ORG.	MC -	ij		อลด	DIFFERENCE	DIFFERENCE	PERCENTAGE DIE NOE	PERCENTAGE
DRG DESCRIPTION	CUTPOINT	ರ	GLOS 1	WEIGHT	CUTPOINT	CUTPOINT	CLOS	WEIGHT	CUTPOINTS	CUTPOINTS	3	IN WEIGHT
		l	Ì									
	~	7	3.31	0.81	8	7	330	0.58	0	0	0 178c	.28.67%
	~	4	2.61	0.47	2	4	2 60	6.39	<u> </u>	0	. 96%	.16.07%
	~ (	4 1	2.76	79.0	N (	ഹ	S 5	0.63	0 (	-	143%	%299
	1		2 3	7 7	,	٦	2 6	201	5	-	2860	15 44%
376 POSTPARTUM & POST ABORTION DIAGNOSES WIG OTH, PROCEDURE 227 POSTDARTUM AND BOST ABORTION DIAGNOSES W.O.D. PROCEDURE		~ 0	<b>3</b> 8	74.0		~ ^	2.5	74.0	0 (	۰ ۰	2.22%	%06:0
	- "	o r	8 6	200	- (	~ r	3 6	0.70		- ‹	0.030	12.61%
	N ·	` '	9 9 9	200	ν.	` '	9.5	0.78	<b>3</b>	э .	%/6:0-	3.40%
		s c	2 :	2 2	- •	n c	2.5	0.37	0 0	0 (	0.03%	4.06%
	_ ,	7	4	3 5	- -	٠,	3	7 5	2		. 046%	0.1%
367 ABOHTTON WURC, ASPINATION CURETTAGE ON HYSTEHOTOMY	_	- (	- :	0.37		- ‹	2.5	0.40	0 0	0 0	.0.78%	10.02%
	- •	<b>V</b>	2 6	0.00		V	9 8	) (		<b>&gt;</b> (	%06.7 200.0	3, 5
262 OTHER ANIETANTOM DIAGNOSES WINEDICAL COMPLICATIONS	- •	، م	<b>8</b> 8	9 8		٥	3 8	6.9		<b>5</b> (	2.20%	.1.01%
		۶ ۷	27.	9 6	- c		<b>§</b> §	0.33	<b>-</b> -	s 8	%/6:1-	%17.6·
		3 5	8	36			3 8		-	200		
	v (	8.8	3 6	, F		o c	3 8	į	, c	Ę, č	!	:
		ţ <u>c</u>	3	2 0	, c	<b>o</b> c	8 8		,	; ;		
	-	2 0	3 78	5	· c	· c	8 8	į	יי	? a		
		n vo	2,65	20	, 0	0	8 8	1	, 0	, vi		: :
1	6	4	241	0.14	,	4	240	0.10		, c	.040%	.12 00%
		*	47.6	300	, 4	* *	9	70		o c	3450	37 2%
		3 =	8	18	4	=	6.40	25		o 0	%56.0	38.83%
	ORGANS	œ	6	- E-	_	7	8	8		· <del>·</del>	4 4 1%	1.87%
	-	5	5.29	0.95	-	12	2.30	0.92	. 0	0	0.22%	.3.24%
396 RED BLOOD CELL DISORDERS AGE 0-17	-	8	508	99.0	-	8	2.10	0.57	0	0	2.04%	.13.05%
397 COAGULATION DISORDERS	_	13	2.85	67.0	-	13	2.80		0	0	-1.90%	-60.0 <del>4</del>
398 RETICULOENDOTHELIAL BIMMUNITY DISORDERS W CC	_	8	3.18	1.33	-	8	3.60	1.59	0	0	13.31%	19.2
	_	80	1.91	0.71	-	80	6.	0.74	0	0	-0.67%	3.50.0
- }	5	8	19.96	3.68	5	36	19.10	2.55	0	0	.4.32%	-30.77%
	7	27	10.57	90.	N	27	10.60	3.03	0	0	0.33%	47.10%
	220%	5 1	<b>-</b>	12/		5	4.10	.18	0 1	0 (	0.20%	.7.18%
	- •	83 9	2.5	9 ?	- ,	8 9	20.0		0 (	o (	1.55%	63.46%
404 LYMPHOMA SINCN-ACCIE LEUKEMIA WAGICE		2 6	2.81	3 8		2	28.5	5 6	0 0	0 0	0.47%	% 35.0 %
1	- C	2 8	60.00	8 6	-	6	8 8	17.5	>		,,000	30.01%
	30 × 00 × 00 × 00 × 00 × 00 × 00 × 00 ×	ጻ ጽ	50.5	5,7	n -	ያ ኛ	3 8	5 6	- c	v c	0.36%	27.08% A4 27%
	300	8 8	3.59	10	-	2 2	4.10	143	0	- c	14.25%	33.45%
	-	* %	7.99	0.89	_	8	8	0.80		-	0.11%	.9.73%
410 CHEMOTHERAPY	-	80	5.29	0.62	-	6	5.30	0.72	0	-	0.64%	15.85%
	-	9	26	1.00	-	9	1.80	0.30	0	0	9.65%	.70.33%
	-	-	8	0.37	-	-	1.10	0.41	0	0	1.08%	11.35%
	_	ឌ	<b>6</b> .09	1.24	-	ន	6.70	1.70	•	0	10.09%	36.74%
		ጸ	3.05	16:0	-	ଛ :	3.10	8	0	0	3.5	18.68%
- 1	2	R	8.0	339	2	54	2,2	3.54	0	-	3.72%	7.80%
	~	R	19.9	1.97	~	23	6.40	<u>.</u>	0	0	-3.21%	0.24%
	~	on :	3.12	0.72	cv ·	<b>æ</b>	38	98°	0	<del>-</del>	.3.95%	22.18%
	~	5	8	1.16	~	9	8	0.95	0	-	3.01%	3. S.
419 FEVER OF UNKNOWN ORIGIN AGE >17 W CC	~ -	5 5	4.74	9 2	۰ ہ	21	8 6	2 5	0 (	0 (	1.33%	-11.94%
1		2 3	5	8 3	- -	٥	3 6	0,70	١	١	% SO 1.	23.4476
421 VIMAL ILLNESS AGE >17	_	D 4	2.7	<b>X</b> :		2 ھ	9 9	0.59		0 0	0.48%	10.32%
		۶ ۲	2 E E E	5 5		, <u>.</u>	5 6	£ £	o c	<b>&gt;</b> C	5 5. 29. 3.	37.58%
	_	; 8	3	2		8	8	2.5		7	23.74%	1 40%
	-	3	9	2	-	3	3	2		-		

· Continued ·

EXHIBIT 3-1: VERSION 4 AND VERSION 8 DRG GROUPER WEIGHT? ND Dod TRIM POINTS (CONTINUED)

DIFFERNCE IN HIGH CUTPONITS  CUTPONITS  O  O  O  O  O  O  O  O  O  O  O  O  O				VERSION 4	4			VERSION 8	8					
ACTIVE ADMITT RATIO STOCKEN TO STOCKEN OF THE ADMITT STOCKEN S			Š	ij		บลูด	Š	ij		Cac	DIFFERENCE	DIFFERENCE	PERCENTAGE	PERCENTAGE
## CONTRE DUALS FRECT DESIGNATION FROM TO THE PARTY OF TH	ORG	DESCRIPTION	CUTPOINT	CUTPOINT		WEIGHT	CUTPOINT	CUTPOINT	GLOS	WEIGHT	CUTPOINTS	CUTPOINTS	VILTERIOR .	IN WEIGHT
EXPRESSIVE EXPRESSIVE STATES AND CONTRICATION OF THE PROPERTY	4,5	ACLITE AD HIST DEACT & DISTLIBBANCE OF DEVCHOOS OF A PROPERTY OF A PROPE	-	8	2 6.7	99	-	۶	25.0	90	٥			90. 19
STATEMENT NEW PRINCES FRESTORING   1 2 1 420 078   1 2 1 420 18   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8	DEPRESSIVÉ NEUROSES		2.5	96	8 8		2 5	9 4	8 2	0	o 0	7 (A) (B) (C)	43.68%
Charles of Services of Ferrolation	427	NEUROSES EXCEPT DEPRESSIVE	-	21	4.30	9.76	-	21	4.30	1.81	0	0	3,900	139.16%
Section   Control Co	458	DISORDERS OF PERSONALITY & IMPULSE CONTROL	-	21	4.59	0.92	-	21	4.60	3.53	0	0	0.24%	284.47%
PSYCHOLOGIC SECRETORIES (EVALAGE STATEMENT)  ALCOHOLOGIC SECRETORI	\$	ORGANIC DISTURBANCES & MENTAL RETARDATION	-	24	7.93	0.91	-	24	2.90	2	0	0	.0.35%	113.26%
OFFICE MARKET ON DEPRENDENCE LEFT ANALYSES 1 28 0 27 1 20 0 20 0 11 2 0 0 0 0 11 2 0 0 0 0 11 2 0 0 0 0	දි :	PSYCHOSES	-	27	10.37	9 2	<b>α</b>	27	10.40	<u>-</u>	- 1	0	0.25%	32.83%
Chief Mark Discription Registers   Chief Mark Dis	43	CHILDHOOD MENTAL DISORDERS	_	16	20.	0.92	-	9 ;	99.	88	0 1	0	1.50%	214.06%
ALCORACE RALES OF REFERENCIATION REGISTRANCE 1 2 2 3 8 0 07 07 07 07 07 07 07 07 07 07 07 07 0	3 5	OTHER MENTAL DISORDERS DIAGNOSES ALCOHOLOGICA DE DE DEPENDENCE LESTAMA		≅ 8	5:15 -	0.75		≅ 8	4. c	2.01	0 0	0 0	103%	167.27%
COMPAGE PREMEMBER   COMP	3 5	ALCORDING ARISE OR DEPENDENCE, LEFT AMA	- -	8 8	386	27.0	- -	2 %	9 9	1 33		0	490 OCT	72 506/
ALCONIO DEFENDECE, WALLENBELTATION PIERAPY  14 47 2011 110 114 47 7 109 10 10 10 10 10 10 10 10 10 10 10 10 10	5	NO LONGER VALID		8 8	8 8	98	- с	3 c	9 0	<u> </u>	> <del>-</del>	n K	130.38%	*.0C.2/
Activities   Concision   Con	8	ALC/DRUG DEPENDENCE W REHABILITATION THERAPY	4	47	30.13	2	4	47	40	66:0	0	20	0.89%	.10.02%
MOLONGERIAND   MOLO	437	ALC/DRUG DEPENDENCE, COMBINED REHAB & DETOX THERAPY	4	47	30.22	1.43	15	48	n	1.68	-	-	3.56%	17.36%
SING REFINED WITH STORN NUMBERS  SING REPRINGEMENTS FOR NUMBERS  SING REPRINGEMENTS  SING REPR	8	NO LONGER VALID			:		0	0	3		:		:	:
WAND DECENDER SOR NUMBER WAND DECENDER SOR NUMBER WAS DESCONOLARY DUKNOROSS WAS DEFENDED BY WAS DECEDDER SOR NUMBER WAS DECENDER SOR NUMBER WAS DESCONOLARY DUKNOROSS WAS DECENDER SOR NUMBER WAS DEPORTED BY WAS DECEDDER SOR NUMBER WAS DESCONOLARY DECENDER WAS DESCONOLARY DUKNOROSS WAS DECENDER SOR NUMBER WAS DEPORTED BY WAS DECEDDER SOR NUMBER WAS DEPORTED BY WAS DECEDDER SOR NUMBER WAS DECENDER SOR NUMBER WAS DEPORTED BY WAS DECEDDER SOR NUMBER WAS DECEDDER SOR NUMBER WAS DECEDDER SOR NUMBER WAS DECEDDER SOR NUMBER WAS DECENDED SOR NUMBER WAS DESCONDARY DECEDDER SOR NUMBER WAS DESCONDARY DECEDDER SOR NUMBER WAS DESCONDARY DECEDDER SOR NUMBER WAS DECEDDER SOR NUMBER WAS DESCONDARY DECEDDER SOR NUMBER WAS DECEDDE	8 3	SKIN GRAFTS FOR INJURIES	~ ∙	8 :	29.67	8	<b>(</b> 2)	8	6.30 6.30	5.35	0	0	-3.84%	54.83%
OTHER DO A PROCEDURES CHANNAGES WO CC OTHER DO A PROCEDURE CHANGE WO CC OTHER DO A PROCEDURE CHANGE WO CC OTHER DO A PROCEDURE CHANGE WO CC OTHER DUAR WO CO OTHER DUAR WO CO A PROCEDURE CHANGE WO CC OTHER DUAR WO CO A PROCEDURE CHANGE WO CC OTHER DUAR WO CO A PROCEDURE OTHER DUAR WO CO A PROCEDURE OTHER DUAR WO CO A PROCEDURE OTHER DUAR WO CO COUNTY DUAR WO CC OTHER DUAR WO CO A PROCEDURE OTHER DUAR DUAR WO CO A PROCEDURE OTHER DUAR DUAR DUAR DUAR DUAR WO CO A PROCEDURE OTHER DUAR DUAR DU	3 :	WOUND DEBRICEMENTS FOR INJURIES	- •	8 8	5.27	3 5		8 8	5.70	1.91	0 0	0 (	8.07%	25.92%
TRAMATIC MULTING SECURITY CONTINUES WOCC   1	3	OTHER DESCRIPTION INCOMES TO A MINISTER WOOD		3 5	20 0	3 0		3 8	5 6 6 8	\$ 5	<b>.</b>	o •	%10.5 %10.5	.11.48% 
FRAMMATIC ALUIPY AGE 5 17 W OC   FRAMMATIC ALUIPY AGE 5 17 W OC   FRAMMATIC ALUIPY AGE 5 17 W OC   FRAMMATIC PURITY PU	3	OTHER O.R. PROCEDURES FOR INJURIES WO CC		1 51	2.75	3 8		3 2	8 8	90.	0	- 0	5.57%	20.37%
TRAMMATIC NULINY AGE >17 WOCC	3	TRAUMATIC INJURY AGE >17 W CC	-	12	2.83	8	-	13	2.90	96.0	0	-	2.51%	4.69%
ALFERGE REACTIONS AGE 17	3	TRAUMATIC INJURY AGE >17 W/O CC	-	80	2.19	0.81	-	6	2.30	0.57	0	_	5.04%	29.83%
ALLEGROCI REACTIONS AGE 1/7  ALLEGROCI REACTI	4	TRAUMATIC INJURY AGE 0-17	-	9	1.77	9.0	-	9	98.	0.46	•	0	1.86%	.28.62%
ALFERGREACTIONS AGE 5.17 WCC POSCONING AT TOTAL CHARGE AGE 5.17 WCC COMPLEATIONS OF TEATMENT WCC COMPLEATIONS COMPLEATIONS OF TEATMENT WCC COMPLEATIONS COMPLEATIONS OF TEATMENT WC	3	ALLERGIC REACTIONS AGE >17	-	4	1.48	0.49	-	က	1.40	0.52	0	<del>.</del>	-5.21%	5.78%
Octobring a Lock Effects of Pulsos Ade 517 W CC   Other Riulus Prosociumes a Lock Effects of Pulsos Ade 517 W CC   Other Riulus Prosociumes a Lock Effects of Pulsos Ade 517 W CC   Other Riulus Prosociumes a Lock Effects of Pulsos Ade 517 W CC   Other Riulus Prosociumes a Lock Effects of Pulsos Ade 517 W CC   Other Riulus Prosociumes a Lock Effects Diago W CC   Other Riulus Prosociumes a Lock Effect	3	ALLERGIC REACTIONS AGE 0.17	-	e :	-38	80	-	3	9	0.28	0	0	.3.47%	.5.49%
OUSCONING AND LOCK EFFECTS OF DRIGOS MEENT  OUNE TITLE NUMBER POSCONING AND TOTAL EFFECT DAM WOCK  OTHER RACTIONS WOUND DESIGNED AND TOTAL EFFECT DAM WOCK  OTHER RACTIONS WOUND DESIGNED AND TOTAL EFFECT DAM WOCK  OTHER RACTIONS WOUND DESIGNED AND TOTAL EFFECT DAM WOCK  OTHER RACTIONS WOUND DESIGNED AND TOTAL EFFECT DAM WOCK  OTHER RACTIONS WOUND DESIGNED AND TOTAL EFFECT DAM WOCK  OTHER RACTIONS WOUND DESIGNED AND TOTAL EFFECT DAM WOCK  OTHER RACTIONS WOUND DESIGNED AND TOTAL EFFECT DAM WOCK  OTHER RACTIONS WOUND DESIGNED AND TOTAL EFFECT DAM WOOK DAM  OTHER RACTIONS WOUND DESIGNED AND TOTAL EFFECT DAM WOOK DAM  OTHER RACTIONS WOUND DESIGNED AND TOTAL EFFECT DAM WOOK DAM  OTHER RACTIONS WOUND DESIGNED AND TOTAL EFFECT DAM WOOK DAM  OTHER RACTIONS WOUND DESIGNED AND TOTAL DAM WOOK DAM  OTHER RACTIONS WOUND DESIGNED AND TOTAL DAM WOOK DAM  OTHER RACTIONS WOUND DESIGNED AND TOTAL DAM WOOK DAM  OTHER RACTIONS WOUND DESIGNED AND TOTAL DAM WOOK	<b>1</b> 5	POSONING & TOXIC EFFECTS OF DRUGS AGE >17 W CC		4 ,	2.97	8 5		ŧι	9.9	16.0	0 0	- (	1.14%	0.59%
COMPLEXITORS OF TREATMENT W CC.  COMPLEXITED SOCIATES TO ANOTHER DOLLY  OTHER INJURY, POSCIANIES A TONG EFFECT DIAG W CC.  OTHER INJURY, POSCIANIES A TONG EFFECT	3 5	POISONING AND TOXIC FEFECTS OF DRUGS AGE 917 W/O CO		۰ ،	<u>, 5</u>	3 6		۰ ،	3 5	5.0	o c	<b>-</b>	3.80% 2.50%	17 92%
OTHER NULLIPLY POSCONING A TOXIC EFFECT DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC EFFECT DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC EFFECT DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC EFFECT DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC EFFECT DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC EFFECT DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC EFFECT DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC EFFECT DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC EFFECT DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC EFFECT DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC EFFECT DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC EFFECT DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC EFFECT DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC EFFECT DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC EFFECT DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC PARCE DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC PARCE DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC PARCE DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC PARCE DAM WO CC  OTHER NULLIPLY POSCONING A TOXIC PARCE DAM WO CC  OTHER NULLIPLE NULLIPLY STALLS  OTHER CARLE NOW NULLIPLY POSCONING A TOXIC PARCE DAM WO CC  OTHER NULLIPLE NULLIPLY STALLS  OTHER CARLE WO CC  OTHER NULLIPLE NULLIPLY POSCONING A TOXIC PARCE DAM WO CC  OTHER PARCE NULLIPLY POSCONING A TOXIC PARCE DAM WO CC  OTHER PARCE NULLIPLY POSCONING A TOXIC PARCE DAM WO CC  OTHER PARCE NULLIPLE NULLIPLY DAM WO CC  OTHER PARCE NULLIPLY POSCONING A TOXIC PARCE DAM WO CC  OTHER PARCE NULLIPLY POSCONING A TOXIC PARCE DAM WO CC  OTHER PARCE NULLIPLE NULLIPLY DAM WO CC  OTHER PARCE NULLIPLY DAM WO CC  OTHER PARCE NULLIPLE NULLIPLY DAM WO CC  OTHER PARCE NULLIPLY DAM WO CC  OTHER PARCE NULLIPLY DAM WO CC  OTHER PARCE NULLI	55	COMPLICATIONS OF TREATMENT W CC	_	21	2	1.07	<b>.</b>	- 2	8	1.45	0	0	%99°0-	35.34%
OTHER INJURY POSCONINA a TOXIC EFFECT DAG W OCC  OTHER INJURY POSCONINA A TOXIC EFFECT DAG W WOCC  BURNS. TRANSFERRED TO ANOTHER ACUTE CARE FACILITY  EXTENSIVE BURNS W WOLNO DE RIPLE CANTACT WHEALTH SERVICES  BURNS. TRANSFERRED TO ANOTHER ACUTE CARE FACILITY  EXTENSIVE BURNS W WOLNO DE RIPLE CANTACT WHEALTH SERVICES  BURNS. TRANSFERRED TO ANOTHER ACUTE CARE FACILITY  1 1 209 169 151 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$	COMPLICATIONS OF TREATMENT W/O CC	1	6	2.23	0.45	-	6	2.20	0.54	0	0	-1.34%	20.91%
University   December   University   Unive	\$	OTHER INJURY, POISONING & TOXIC EFFECT DIAG W.CC	_	89	1.95	1.39	_	۲	1.90	1.01	0	1.	-2.46%	.26.99%
Charles for the Banks with Compact and the Rachem Compact and the	3 5	DI INJUHY, POISONING & TOXIC EFFECT DIAG W/O CC		e (	4.	0.43		ი [	1.40	96.	0 0	0 (	0.40%	.15.97%
NON-EXTENSIVE BLINS W SKIN GRAFTS  NON-EXTENSIVE BLINS W SKIN GRAFTS  NON-EXTENSIVE BLINS W SKIN GRAFTS  NON-EXTENSIVE BLINS W WOLND DEBIDEMENT OR OTHER OR. PROC.  1 21 4.66 1.74 1 21 4.40 2.02 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 5	BOUND, INANDIENHED TO ANOTHER ACCTE CARE FACILITY EXTENSIVE RUBINS WAS DRIVED BE		à 6	4 87	8 6		3 6	10.90 06.00	ر د د	<b>-</b>	o <del>-</del>	1.43%	26.07%
NON-EXTENSIVE BLINS W WOUND DEBTIDEMENT OA OTHER O.R. PROCEDURE  NON-EXTENSIVE BLINS W WOUND DEBTIDEMENT OA OTHER O.R. PROCEDURE  NON-EXTENSIVE BLINS W WOOND, PROCEDURE  NON-EXTENSIVE D.R. PROCEDURE  NON-EXTENSIVE BLINS W WOOND, PROCEDURE  NON-EXTENSIVE D.R. PROCEDURE  NON-EXTENSIVE D.R. PROCEDURE  NON-EXTENSIVE D.R. PROCEDURE  NON-EXTENSIVE BLINS W WOOND  NON-EXTENSIVE D.R. PROCEDURE  NON-EXTENSIVE D.R. PROCEDUR	<b>3</b>	NON-EXTENSIVE BURNS W SKIN GRAFTS	4	38	16.93	3.00	. 4	3 8	16.60	3.16	0	- 0	1.96%	2.10%
NON-EXTENSIVE BUBNS WOO OR. PROCEDURE  ONN-EXTENSIVE BUBNS WOO OR. PROCEDURE  ONN-EXTENSIVE BUBNS WOO OR. PROCEDURE  ONLY PROC	459	NON-EXTENSIVE BURNS W WOUND DEBRIDEMENT OR OTHER O.R. PROC	-	21	4.86	1.74	-	24	4.40	2.02	0	0	-9.53%	16.18%
CHARGILITATION   CHARGO   CH	<b>\$</b> :	NON-EXTENSIVE BURNS W/O O.R. PROCEDURE	-	<b>6</b> 2 :	3.1	0.87		ୟ :	3.40	98.	0	∾ :	9.31%	.1.69%
SIGNS & SYMPTOMS WITH CC SIGNS & STATUS SIGNS & SYMPTOMS WITH CC SIGNS & SYMPTOMS WITH CC SIGNS & STATUS SIGNS & SYMPTOMS WITH CC SIGNS & STATUS SIGNS & SYMPTOMS WITH CC SIGNS & STATUS SIGNS	ē 4	O.H. PHOC WITH DIMENCOES OF OTHER CONTACT WHEALTH SERVICES  PENABILITATION		- 6	80.0	5.5		2 6	9.5	<b>K</b> 6	o c	- 4	9.81%	84.95 % 94.00
SIGNS & SYMPTOMS W/O CC         SIGNS & SYMPTOMS W/O CC         1         12         2.61         0.60         1         12         2.60         0.54         0         0           AFTERCARE WHO CCAMALGNANCY AS SECONDARY DIAGNOSIS         1         4         142         0.39         1         4         140         0.40         0         0           AFTERCARE WO HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS         1         6         1.54         0.46         1         0<	<u>\$</u>	SIGNS & SYMPTOMS WITH CC	· -	19	3.40	3, 3,	o —	, E	3.40	98		0 0	0 0 80 80	8.47%
AFTERCARE WHISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS  AFTERCARE WO HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS  AFTERCARE WO HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS  THE FACTORS WILL WEND HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS  THE FACTORS WILL WEND HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS  THE FACTORS WILL WEND HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS  THE FACTORS WILL WEND HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS  THE FACTORS WILL WEND HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS  THE FACTORS WILL WEND HISTORY OF LOWER EXTREM  THIND HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS  THE FACTORS WILL WEND HISTORY OF LOWER EXTREM  THE FACTORS WILL WEND HISTORY DIAGNOSIS  THE FACTOR WILL WEND HISTORY OF LOWER EXTREM  THE FACTOR WILL WE WANTED HISTORY OF LOWER EXTREM  THE FACTOR WILL WEND HISTORY OF LOWER EXTREM  THE FACTOR WEND HISTORY OF LAND HISTOR	\$	SIGNS & SYMPTOMS W/O CC	-	12	2.61	990	-	12	2.60	25.	0	0	0.38%	.10.39%
AFTERCARE WO HISTORY OF MALKANOY AS SECONDARY DIAGNOSIS  OTHER FACTORS INCLUMENTAL DI	ई	AFTERCARE W HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS	-	4	1.42	0.39	-	4	1.40	0.40	0	0	1.45%	2.83%
OTHER PACTORS INFLUENCING HEALTH STATUS  OTHER PACTORS INFLUENCING HEALTH STAT	\$	AFTERCARE WIO HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS	-	9	7	0.46	-	9	35	0.71	0	0	-2.70%	53.21%
PAINTICIPAL OF MAILE STANDARD SINGLANGE DIAGNOSIS NAVILIDAS DISCHARGE DIAGNOSIS INVALIDAS DISCHARGE DIAGNOSIS INVALIDAS DISCHARGE DIAGNOSIS INVALIDAS DISCHARGE DIAGNOSIS NAVILIDAS DISCHARGE DIAGNOSIS NAVILIDAS DISCHARGE DIAGNOSIS NAVILIDAS DISCHARGE DIAGNOSIS NAVILIDAS DIAGNOSIS NAVILI	6 4	OTHER FACTORS INFLUENCING HEALTH STATUS		ဖ ၄	3.5	7. S		9 ;	8 5	0.46 2.00 3.00 3.00	0 0	۰.	1.99%	36.30%
UNGROUPABLE BILATE RAL OR MULTIPLE MAJOR JOINT PROCEDURES OF LOWER EXTREM BILATE RAL OR MULTIPLE MAJOR JOINT PROCEDURE BILATE RAL OR ALGORITH ALGOR	3	PRINCIPAL DIAGNOSIS INVALID AS DISCHARGE DIAGNOSIS	- -	8 9	2.5	8 8	- -	,	2 5	77		_	20.30%	36.30%
BILATE RAL OR MULTIPLE MAJOR JOINT PROCEDURES OF LOWER EXTREM         8         41         24.97         4.39         10         43         26.00         4.82         3         2         4.71         1         44         27.40         11.76         5	3	UNGROUPABLE		٥ ت	2.63	8 8		~ R	3.50	i i		P cc	33.01%	
EXTENSIVE BURNS W O.R. PROCEDURE         6         39         22.43         13.30         11         44         27.40         11.76         5         5           ACUTE LEUKEMIA WO MALOR O.R. PROCEDURE AGE > 17         1         24         7.51         4.71         1         24         7.30         5.34         0         0           NO LOGER VALID         1         24         7.51         4.71         1         24         7.30         5.34         0         0           NO LOGIE VALIDATION SUPPORT         1         2 <t< td=""><td>471</td><td>BILATERAL OR MULTIPLE MAJOR JOINT PROCEDURES OF LOWER EXTREM</td><td>60</td><td>4</td><td>24.97</td><td>£.3</td><td>5</td><td>43</td><td>809</td><td>28.</td><td>8</td><td>- α</td><td>4.14%</td><td>9.71%</td></t<>	471	BILATERAL OR MULTIPLE MAJOR JOINT PROCEDURES OF LOWER EXTREM	60	4	24.97	£.3	5	43	809	28.	8	- α	4.14%	9.71%
ACUTE LEUKEMIA WIO MAJOR O.R. PROCEDURE AGE > 17  ACUTE LEUKEMIA WIO MAJOR O.R. PROCEDURE AGE > 17  NO LONGER VALID RESPIRATORY SYSTEM DIAGRAGSIS WITH VENTILATOR SUPPORT RESPIRATORY SYSTEM DIAGRAGSIS WITH VENTILATED TO PRINCIPAL DIAGRAOSIS NON-EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGRAOSIS  NON-EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGRAOSIS  24  7.51  7.52  7.51  7.51  7.52  7.50	472	EXTENSIVE BURNS W O.R. PROCEDURE	9	33	22.43	13.30	Ξ	4	27.40	11.76	S	κ	22.17%	.11.55%
NO LONGER VALID RESPIRATORY SYSTEM DIAGNOSIS WITH VENTILATOR SUPPORT PROSTATIC O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS NON-EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS  1 14 2.50	473	ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE AGE > 17	+	24	7.51	4.71	1	24	7.30	5.34	0	0	-2.76%	13.47%
RESPIRATORY SYSTEM DIAGNOSIS WITH VENTILATOR SUPPORT         3         26         9.40           PROSTATIC O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS           2         25         8.20           NON-EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS           1         14         2.50	474	NO LONGER VALID	1		1	i	0	0	0.00	i	:	:	1	:
NON-EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS 2 25 8.20	475	RESPIRATORY SYSTEM DIAGNOSIS WITH VENTILATOR SUPPORT	i	:	į	i	e (	8 8	9.40	4.35	:	:	!	:
MON-EATENSIVE C.M. PROCEDURE UNAELATED TO PRINCIPAL DIAGNOSIS	? ;	MONECATEMENT OF PROCEDURE UNRELATED TO PONICIPAL DIAGNOSIS	;	!		į	N •	g :	8, 6	24.5	:	:	:	:
_	<u>:</u>	NON-EXTENSIVE O.N. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS	i	:	:	;	-	4	8	25	:	i	;	:

EXHIBIT 3-1: VERSION 4 AND VERSION 8 DRG GROUPER WEIGHTS AND Dod TRIM POINTS (CONCLUDED)

			VERSION 4	4			VEHSION 8	œ Z		Nicotopus A	20141011010	TOTAL POOL	3041410010
		MO:	HQH H		DAG	MOT	H H H		DAG	IN LOW	IN HIGH	DIFFERENCE	DIFFERENCE
DAG	DESCRIPTION	TNIC	CUTPOINT	GLOS M	WEIGHT	CUTPOINT	CUTPOINT	GLOS	WEIGHT	CUTPOINTS	CUTPOINTS	IN 31 OS	IN WEIGHT
478	OTHER VASCULAR PROCEDURES W.C.C.	ļ	I	į	;	~	52	930	3.08	;	;		;
479		;	;	;	:	-	8	5.70	1.71		:		****
8		į	;	l	:	%	<b>6</b> 5 :	42.3	;	:	!		:
<b>a</b>			::	:		8	85	45.40	12.45				
<b>3</b> 8		;	į	;	:	æ 7	14.3	24.90	3.27	!	i		1
3 4	CDANIOTOWY FOR MILITIES REVOITS TO A THANKING DISCRIBED	:	: !	!	: :	۰, ۰	<b>8</b> %	5.10	9 9		1	;	:
3			: :			, ,	, <b>4</b>	8 8	3 4			: :	
\$		į	i	1		۰ ~	8	9.10	23 23 36	·	i	1	
487		;			;	-	22	5.60	2.86	:			1
8		:	:	:	·	4	15	14.50	4.13	:	:	:	1
\$ 8	HIV WINDOWN OF THE BOTH ATTO CONDITION	i	į	!	:	- •	g :	999	3.68		:		1
8		! !		: :			<u>-</u>	8 6	0.77	: 1			1 1
8	ı		!	:	1	2	4	2.50	20.03		1		1
8		:	į	!	i	<b>œ</b> .	51	98.6	1.4	:	i		;
8		;	i	:	;	- ;	52	8.40	99.9	i	1	•	;
3 8	NECNATE, BIRTHWI 750-990G, DISCHARGED ALIVE	ł	ŀ	!	(	<b>R</b> •	% %	39.30	10.65	:	:	:	1
3 8	1					46	8 2	2   5	27.27				
8			! !			? =	6.4	3 8	2 g	i i			
\$			ŀ		. ;	≥	35	15.70	2.5			;	
\$		;	!	i	į	58	19	4.10	6.17	:	;		:
9	- 1	1	:	:	;	2	&	12.90	7.97	:		****	:
<u>5</u>		;	:	:	į	œ	9	23.20	5.29	1	:		
612		1	!	į	1	<b>7</b> ) (	<u>ج</u> ج	14.10	3.98	i	i	:	;
2 5	NECNATE BIDTUMT (600-1000) W/O SKINIF OF PROC W MINOR PROB			:	,	റെ	g 4	0.50	65.5	1	:	:	1
6 6		1 1	: :	: :		າ =	6.4	2, 2,	- W	: :	: :	: :	} }
9	NEONATE RISTHWY 2002-2400G W SKANIE OR PROC. WO MILIT THE IOR PRO					•	5	2 5	200				
61.		1	i		: 1	4	8	12.30	3.73	i i		1	
618		1	i	!	;	~	2	8.00	2.36	;	i	:	;
619		į	i	;	;	es -	25	8.70	1.46	ì	1	1	1
န္တ	- 1				1	0	0	8			:		
<u> </u>	NEONATE, BIRTHWT 2000-2499G, W/O SIGNIF OR PROC, W OTHER PROB	;	i	;	;	~ 4	ם נ	8 8	0.40 0.40	i	:	:	:
8		! !	! !		- 	, o	5 5	5. 4 5. 9	3.23			! !	
8		ł	i	į	ţ	8	80	3.20	0.90	i	i	:	;
જ્		1	:		ţ	0	0	8					:
8	NEONATE, BIRTHWT > 2499G, W/O SIGNIF OR PROC, MULT MAJOR PROB		į	:	•	~	ន	6.40	3.72	:	:	:	:
§ §		: :	!!	! !	: :	~ ~	2 5	9 9 6 6	5.13			1 1	! !
8		: !				, c	? c	8 8	3 :		1		
8				! !		~	ဖ	8 8	0.19	i i	: :		1
2			:		1	-	8	3.80	5.60	1			:
8		ł	į	i	i	-	13	3.10	0.78	!	:	i	1
8		!	!	ì	;	-	21	2.00	0.33	i	;	:	:
8 8	MULTIPLE, OTHER AND UNSPECIFIED CONGENITAL ANOMALIES, W/O CC	į	ļ	i	;		ត :	8.8	2.41	i	:	•	:
3 8	1				:	- -	2 8	8 5	9 5		;		
3 8		: :	! !		: :		8 8	5 5 5	8 8		: :	: :	: :
8	ALCORUG ABUSE OR DEPEND, DETOX OR OTH SYMPT TREAT AGE > 21 W/O	: 1	i		: :	-	27	10.73	1.42		1	. !	:
		ŀ											

CHAMPUS directly adopted Medicare weights for 14 DRGs that had sample sizes which were too small in CHAMPUS for unique weight computation. The CHAMPUS FY91 DRG grouper was the same as that employed by the FY91 Medicare PPS system, with two key differences:

- the CHAMPUS system has replaced the Medicare DRG 435 (Alcohol/ Drug Dependence, Detox, and/or Other Symptomatic Treatment), with two age-based DRGs (900 and 901); and
- the CHAMPUS system has replaced the Medicare neonatal DRGs 385 through 390 with 34 neonatal DRGs, with the expanded number of DRGs resulting from the addition of birthweight as part of the DRG definition for these DRGs.

The DRGs for which CHAMPUS directly adopted Medica: weights are plasented in the following table.

## DRG Description

- 38 Primary Iris Procedures
- 317 Admit for Renal Dialysis
- 328 Urethral Stricture Age > 17 with CC
- 330 Urethral Stricture Age 0-17
- 342 Circumcision Age > 17
- 351 Sterilization, Male
- 412 History of Malignancy w/o Endoscopy
- 436 Alcohol/Drug Dependence with Rehabilitation Therapy
- 456 Burns. Transferred to Another Acute Care Facility
- 465 Aftercare with History of Malignancy as Secondary Diagnosis
- 472 Extensive Burns with O.R. Procedure
- 481 Bone Marrow Transplant
- 484 Craniotomy for Multiple Significant Trauma
- 488 HIV with Extensive O.R. Procedure

In adopting the Medicare weights for these DRGs. CHAMPUS did not account for the fact that, on average, CHAMPUS weights were about 16 percent higher than Medicare weights. In adopting the CHAMPUS weights for use in the DoD DRG-based allocation system, these weights were adjusted in order to maintain the relative resource intensity differences between these DRGs and those for which CHAMPUS computed CHAMPUS-unique weights.

The two DRGs which CHAMMUS exempted from DRG-based payments in FY91 are presented in the following table.

<sup>&</sup>lt;sup>1</sup>Medicare weights were published in the **Federal Register**, Vol. 55, No. 171. Tuesday, September 4, 1990, pp. 36111-36124.)

DRG Description

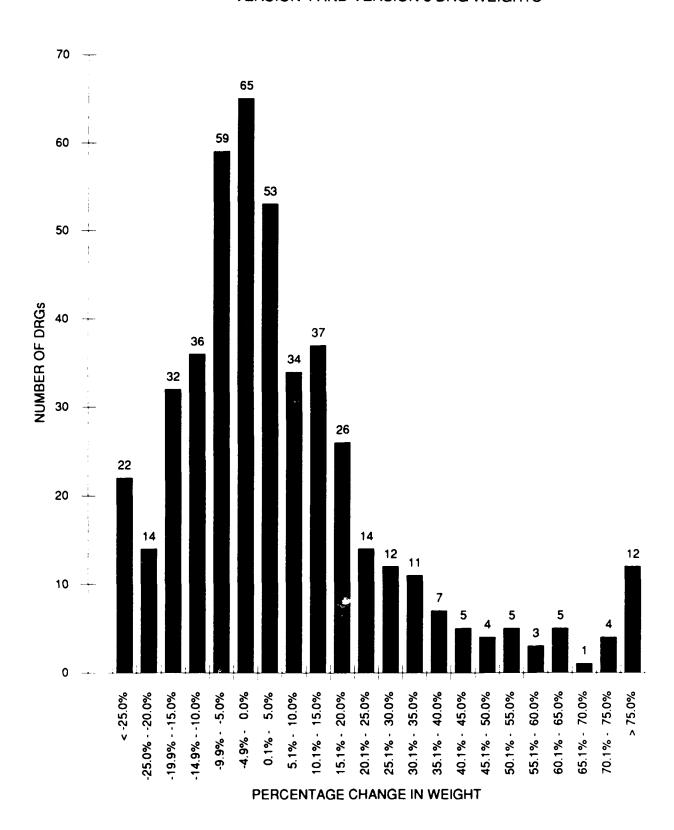
103 Heart Transplant 480 Liver Transplant

The Health Care Financing Administration (HCFA) published FY91 Medicare weights for these two DRGs, which served as the source for implementation in computing FY91 DoD workload. However, as noted previously, the overall average FY91 CHAMPUS DRG weight was about 16 percent greater than the overall average FY91 Medicare DRG weight. Therefore, the Medicare weights for these DRGs were adjusted in the same manner as those directly adopted from Medicare by CHAMPUS.

The precise manner of the DRG weight adjustment was as follows. The average DRG weights for both CHAMPUS and Medicare were computed for those DRGs which CHAMPUS and Medicare had in common and for which they computed their own weights. Therefore, the DRGs in the tables above were left out of this computation, as were CHAMPUS DRGs 600 through 636. 900 and 901, and Medicare DRGs 385 through 390, a 435. The average HCFA weight, after these exclusions, was 1.1976. The average CHAMPUS weight was 1.3901. Therefore, the average CHAMPUS weight was 16.07 percent higher than the average HCFA weight. Consequently, the Medicare weights for the DRGs in the tables above were multiplied by 1.1607 before they were adopted as DoD PRG weights. Weights for all other DRGs were adopted as published by CHAMPUS.

Review of exhibit 3-1 shows that a number of DRGs had substantial changes in DRG case weights. To summarize these changes, exhibit 3-2 is a histogram displaying the number of DRGs that had a given percentage change in case weight between grouper versions. Note that a positive percentage value indicates that the Version 8 DRG Grouper weight was

EXHIBIT 3-2: HISTOGRAM OF PERCENTAGE CHANGE BETWEEN VERSION 4 AND VERSION 8 DRG WEIGHTS



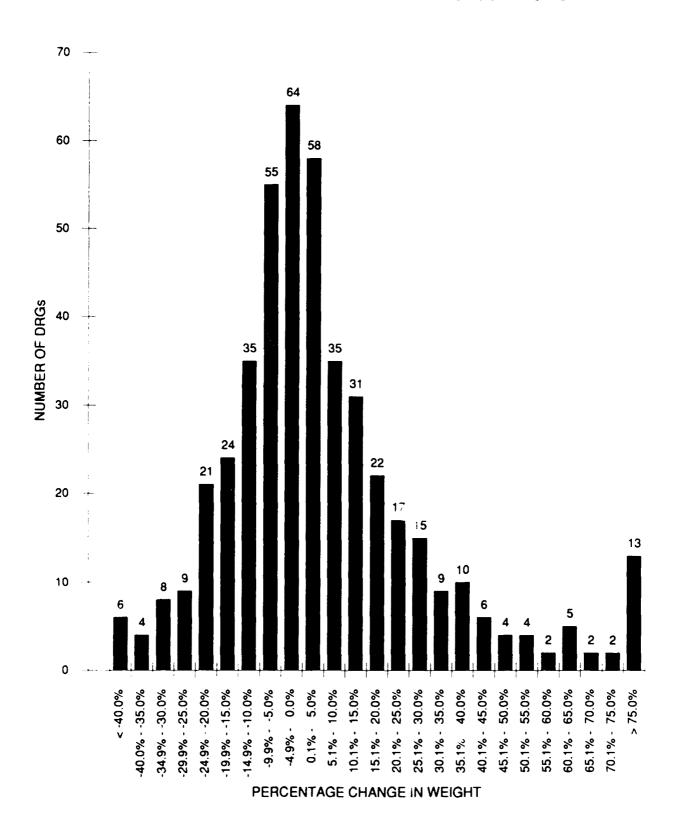
greater than the Version 4 case weight. Additionally, only DRGs that had Version 4 and Version 8 case weights are included in exhibit 3-2.

While 119 of the 461 DRGs compared had greater than a 20% change in case weight. 83 DRGs had weights that increased by greater than 20% and 36 had weights that decreased by greater than 20%. Modifications in case weights have the greatest impact on determining changes in assigned RWP credit. The review, however, can not be limited to case weights since updated trim points and changes in the DRG assignment methodology will also impact RWP credit and therefore CM!

Exhibit 3-3 displays the number of DRGs that had a given percentage change in CMI. Since the change in case weight for a given DRG will be the greatest factor in determining the case-mix index within a DRG, the results should be similar to that presented in exhibit 3-2. Of the 461 DRGs compared, 89 had greater than a 20% increase in CMI when comparing the Version 4 and Version 8 DRG Grouper and 48 had greater than a 20% decrease in CMI. Additional detail is provided in exhibits 3-4 and 3-5. These exhibits present dispositions, RWPs, and CMI using both the Version 4 and Version 8 DRG Groupers and associated weights and trim points. Exhibit 3-4 presents the data sorted in DRG order while exhibits 3-5 provides the same information in order of the percentage change in CMI.

Close review of exhibit 4 provides insight concerning the DRGs that had substantial changes in weights and therefore CMI. For example, nearly all of DRGs 424-438, which are mental disease and disorder related, had substantial increases in case weights and CMIs. This may be due to the fact that the Version 4 weights for psychiatric and substance abuse care were taken directly from HCFA, while the Version 8 weights were computed using CHAMPUS claims data. A comparison of current #CFA and CHAMPUS weights showed that CHAMPUS weights are typically much

EXHIBIT 3-3: HISTOGRAM OF PERCENTAGE CHANGE BETWEEN DRG VERSION 4 AND VERSION 8 DRG GROUPER CMIs



·· Continued ··

EXHIBIT 3-4: COMPARISON OF VERSION 4 AND VERSION 8 DISPOSITIONS, RWPS, AND CASE-MIX INDICES (CMIS) (SORTED IN DRG ORDER)

				DIFFERENCE					"AGE CHANGE
DAG	No.1 GROSEC	VERSION 4	VEHSION 8	NI	VERSION 4	VERSION 8	VERSION 4	VERSION 8	≥ 5
- 1	CRANIOTOMY AGE > 17 EXCEPT FOR TRAUMA	959	638	<b>6</b> 2	2,829	2.858	4.3119	4.4799	3,6 €
<b>V</b> (	CHANICIONAL FOR LIADINA AGE >1/	1/8	3,	<b>4</b>	1,146	6/6	6.4386	1,1171	2 2 3 3 4 9 1
າ •4	SPINAL PROCEDURES	/77 YR	938	, č	£ 6	4.4	2,6082	25087	3 S
2	1	463	463	0	842	858	1.8190	1.8523	18%
•		2,259	2,259	0	1,429	1,750	0.6325	0.7747	22.5%
^		081	116	2	1,436	383	7.9774	3.3020	%9.85
æ ·	PERIPH & CHANIAL NERVE & OTHER NERV SYST PROC W/O CC	1,581	.609	- 58	1.788	1,882	1.1308	1,1695	34%
6	-1	525	8	13	503	764	2.2675	3.6555	61.2%
2 :		288	8	8 8	88	495	3840	1.8610	34.5%
= :	NEWOODS SYSTEM NEOPLASMS W/O CC	313	96 93 93 93	\$2	373	24.2	1.1929	1.3089	%2.6
2 5	DECENERALITY NEW YOUR STOTEM DISCOURS	700 V	9	<del>,</del> «	187.	B06'-	1.923/	2.3408	21.7%
. 4	SPECIFIC CEREBOOVASCULAR DISORDERS EXCEPT TIA	2000	8 2	. <del>.</del>	3.188	300	1 5485	16173	4 A A
5	1	1.350	1.349	-	10.	1.020	0 7714	0.7560	20%
9	-	113	ž	on.	166	8	1,4696	1.9317	31.4%
17		191	197	9	<b>2</b>	530	0.8612	1.1698	35.8%
<u>6</u>		414	271	143	624	277	1.5075	1.0213	.32.3%
<u>6</u>	-	1,441	1,468	-27	1,233	1,221	0.8557	0.8316	.2.8%
ଛ :		557	651	\$	775	1.226	1.3911	1.8831	35.4%
Ş 8		1,007	8L6	69	597	<b>5</b>	0.5928	0.6440	8.6%
3 8	HYEK ENSIVE ENCEPHALGPATHY	105		۰.	٤ ۽		0.6976	0.7688	10.2% 32.52
3 8		146	<b>.</b> €		2 5	143	1.2326	0.60	%.7.1.7. %.7.1.7.
1 1	SELVIDE A HEADACHE AGE 17 WOOD	4 303	7 483	8	3,033	2,033	1.10/3	0.6440	90.0
3 8		2.049	25.2	} ±	200	1.401	0.5510	0.6271	13.8%
		539	498	. 4	1521	1 747	2,8220	35090	24.3%
	TRAUMATIC STUPOR & COMA, COMA <1 HR AGE >17 W CC	456	279	127	861	25	1.8876	1.9691	4.3%
8		1,141	1,2,1	.142	1,005	2,270	0.8812	1.764	100.8%
8	Ĺ	812	08	-	385	551	0.4738	0.686:	45.3%
ē	_	184	137	.; Q:	181	88	0.9625	0.7147	.25.7%
8		826	. 903	4	387	475	0.4518	0.5255	16.3%
8 2		346	345	<del>-</del> ;	8 5	= :	0.2609	0.3214	23.2%
3 8	OTHER DISORDERS OF MERVOUS SYSTEM W.CC.	484	421	63	980	1,115	2.1825	2.6489	21.4%
3 %		995 486	1,055	<b>3</b> =	45.5	8 4	0.9788	1.5616	200
3 8		696	28.	= =	27.5	Ş Ç	0.9308	1.0755	\$0.5 \$0.5 \$0.5 \$0.5 \$0.5 \$0.5 \$0.5 \$0.5
**		72	75	: -	4	8	431	0.5091	%E.9
8	- 1	6,331	6,287	4	4,953	5,106	0.7824	0.8121	3.8%
\$		3,045	3,105	9	1,786	2,325	0.5866	0.7487	27.6%
<b>=</b>	EXTRAOCULAR PROCEDURES EXCEPT ORBIT AGE 0-17	1,553	1,552	-	982	943	0.4737	0.5433	14.7%
<u>.</u>	INTRACCULAR PROCEDURES EXCEPT RETINA, IRIS & LENS	796	98	우 '	189	220	0.8558	0.8936	4.4%
? \$	ACITEMA IOD EVE INCECTIONS	<b>\$</b>	2,5	<del>-</del> 4	6. 75	2,72	0.2920	0.2675	30°
4	Г	2551	36	-	210	242	0.00	0.4933	
<b>.</b> 4		333	8	7.55	2.5	27.0	0.0202	90.00	2 85
47	OTHER DISORDERS OF THE EYE AGE > 17 W/O CC	1,621	1,670	64	1,124	981	0.6932	0.5877	15.2%
4	OTHER DISORDERS OF THE EYE AGE 0-17	429	396	31	235	189	0.5469	0.4747	.13.2%
Ť	- 1	271	203	68	928	909	3.4251	2.9874	.12.8%
8 :		449	450	Ŧ	372	365	0.8279	0.8115	-2.0%
<u>د</u> د		29	11	<u>.</u>	<b>%</b>	8	0.8694	0.7547	13.2%
3 8		259	8 3	ဇု (	178	213	0.6883	0.7158	\$
3	SINUS & MASTOIL PHOCEDURES AGE >17	1,976	2,033	-57	1,731	1.673	0.8759	0.8230	<b>%</b> 9

EXHIBIT 3-4: COMPARISON OF VERSION 4 AND VERSION 8 DISPOSITIONS, RWPS, AND CASE-MIX INDICES (CMIS) (SORTED IN DRG ORDER) (Continued)

205 35 205 35 207 1,461 2,271 2,273 2,273 2,273 2,273 2,273 2,273 2,286 2,988 2,146 2,988 2,146 3,468	VERSION 4 DISP		3		0.000			•
SINUS & MASTOD PROCEDURES AGE OF THE CALL BROWN	dSiO	ָּבְּיֵבְ בַּיִּבְ	NI CO	VERSION 4	VEHSION	VERSION 4	VERSION 8	<u>z</u>
STATE   STAT		DISP	DISPOSITIONS	RWPs	RWPs	CM	Š	CMI
HINGOLAN TO THE RECEILAND COLOR & HINGOLA PROCEDURES A 482 422 1461 HINGOLAN TO THE APPROCEDED FOR ALCHODE CTONY ONLY AGE > 1 1461 HINGOLAN TO THE APPROCEDED FOR ALCHODE CTONY ONLY AGE > 1 1461 HINGOLAN TO THE APPROCEDED FOR ALCHODE CTONY ONLY AGE > 1 1461 HINGOLAN TO THE APPROCED FOR ALCHODE CTONY ONLY AGE > 1 1461 HINGOLAN TO THE APPROCED FOR ALCHODE CTONY ONLY AGE > 1 1461 HINGOLAN TO THE APPROCED FOR ALCHODE CTONY ONLY AGE > 1 1461 HINGOLAN TO THE APPROCED FOR ALCHODE TO THE ALCHODE TO THE ALCHODE TO THE APPROCED FOR ALCHODE TO THE APPROCED FOR ALCHODE TO THE ALCHODE TO T	240	502	35	195	183	9119	0.8927	.000
1.4 PROCE ECEPT TONSILLECTOMY ACH ADENODECTOMY ONLY AGE 1   1.4 A PROCE ECEPT TONSILLECTOMY ACH ADENODECTOMY ONLY AGE 1   1.4 A PROCE ECEPT TONSILLECTOMY ACH ADENODECTOMY ONLY AGE 1   1.4 A PROCE ECEPT TONSILLECTOMY ACH ADENODECTOMY ONLY AGE 1   1.4 A PROCE ECEPT TONSILLECTOMY ACH ADENODECTOMY ONLY AGE 1   1.4 A PROCE ECEPT TONSILLECTOMY ACH ADENODECTOMY ONLY AGE 1   1.4 A PROCE ECEPT TONSILLECTOMY ACH ADENODECTOMY ONLY AGE 1   1.4 A PROCE ECEPT TONSILLECTOMY ACH ADENODECTOMY ONLY AGE 1   1.4 A PROCE ECEPT TONSILLECTOMY ACH ADENODECTOMY ONLY AGE 1   1.4 A PROCE ECEPT TONSILLECTOMY ACH ADENODECTOMY ONLY AGE 1   1.4 A PROCE ECEPT TONSILLECTOMY ACH ADENODECTOMY ONLY AGE 1   1.4 A PROCE ECEPT TONSILLECTOMY ACH ADENODECTOMY ONLY AGE 1   1.4 A PROCEDITION ONLY ACH ADENODECTOMY ONLY AGE 1   1.4 A PROCEDITION ONLY ACH ADENODECTOMY ONLY AGE 1   1.4 A PROCEDITION ONLY ACH ADENODECTOMY ONLY AGE 1   1.4 A PROCEDITION ONLY ACH ADENODECTOMY ONLY AGE 1   1.4 A PROCEDITION ONLY ACH ADENOTED A	4,682	3,221	1,461	2.640	2.166	0.5638	0.6726	38.00
1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWSHLEE(TOW W LOFA MERNODE CTOLAY ONLY AGE > 1   1.4 PROC. EXCEPT TOWN W CC CTORA W LOFA MERNODE C		5,466	-1,286	2,199	3,236	0.5261	0.5923	3,93
TOWER LECTORY A CAN ADER MODE CITOMY ONLY AGE 6 17 1	ILY, AGE>1	992	-108	365	545	0.5552	0.7071	71.3%
TOWSILECTOMY A GAR DOLOGETOW ONLY, AGE 17 TOWSILECTOW A WICH DAMAN TOWS AGE 17 TOWSILECTOW A WICH DAMAN A GE 17 TOWSILECTOW A WICH DAMAN W CC.  RESPIRATION WECTOWS A WICH DAMAN TOWS AGE 17 TOWSILE SHANDOW CONTAINS A GE 17 TOWSIC SHANDOW CONTAINS A GE 17 TOWSILE SHANDOW CONTAINS A GATHANDOW CONTAINS A G	ILY, AGE 0-	2,271	. <del>.</del>	847	1,034	0.3896	0.4554	16.9%
TOWSTITECTOWA ACTO THE MODECTOWES ACTO THE MARKACOTOWA WITH THE MODECTOWES ACTO THE MODECTOWES ACTO THE MODECTOWES ACTO THE MODECTOWA WITH THE MODECTOWES ACTO THE MODECTOWES ACTO THE MODECTOWA MAIL CHANACY PROCEDURES ACTO THE MODECTOWA PROCEDURES ACTO THE MODECTOWA PROCEDURES ACTO THE MODECTOWA PROCEDURES ACTO THE MODECTOWA WITH THE MODECTOWA PROCEDURES ACTO THE MODECTOWA		2,273	4	911	913	0.4015	0.4015	%00
###IMMGOTCHAW WITH: JUSTED TO AGE 3/17  WATHWIGOTCHAW WITH: JUSTED TO AGE 3/17  WATHWIGOTCHAW WITH: JUSTED TO AGE 3/17  WATHWIGOTCHAW WITH: JUSTED TO AGE 3/17  GOTHER EARL MOSE, WOUTH & THROAT MALICHANCY  EARL MOSE, WOUTH & THROAT MALICHANCY  EARL MOSE, WOUTH & THROAT WALICHANCY  OTTIS WEDDA & HIR JAPPA TO MALICHANCY  OTTIS WEDDA & HIR JAPPA  OTTIS WEDA & HIR JAPPA  OTTIS WEDDA & HIR JAPPA  OTTIS WEDA & HIR JAPPA  OTTIS WEDDA & HIR JAPPA  OTTIS WEDDA & HIR JAPPA  OTTIS WEDA & HIR JAPPA  OTTIS WEDDA & HIR JAPPA  OTTIS WEDDA & HIR JAPPA  OTTI		3,146	æ	1,084	- 20.	0.3455	0.3479	0.7%
WHINESTITUTE NOSE MUCHA THROAT MALE NOSE MUCHASES NOSE NOSE NOSE NOSE NOSE NOSE NOSE N		215	69	195	<b>5</b> 28	1.3327	1.0520	-211%
ENERGIAM WOCKE, MOUTH & THROAT DIA, PROCEDURES 461 3468 34007  ENERGY MACES, MOUTH & THROAT DIA, PROCEDURES 52 52 52 52 52 52 52 52 52 52 52 52 52		5,998	98	2,477	3,890	0.4175	0.6485	55.3%
DESCOLIBRION WAS TRAUMA TORY INFECTIONS A INFLAMMATION AGE 5-17 W CC  DITIS MEDIA A BINAGE 1.7 W CC  DITIS MEDIA BINAGE 1.7 W CC  DITIS		3,468	.3,007	285	4,186	1.2629	1.2070	4 4%
Designation of the properties of the propertie	487	929	69	17.	813	1.5836	1.4628	.7.6%
FIRST MAINS	827	825	8	474	451	0.5726	0.5461	4.6%
CHILD   MEDIA A URI AGE > 17 W CC	237	536	<del></del> (	131	102	0.5507	0.4333	.21.3%
OTITIS MEDIA & UNITAGE STATE AND ACCOUNTS WELDA & UNITAGE STATE AND ACCOUNTS WEND & UNITAGE STATE AND ACCOUNTS WE WEND & UNITAGE STATE AND ACCOUNTS WEND & UNITAGE STATE AND ACCOUNTS WE WEND & UNITAGE STATE AND ACCOUNTS WE WEND & UNITAGE STATE AND ACCOUNTS WE STATE AND ACCOUNTS WE WEND & UNITAGE STATE AND ACCOUNTS WE WEND & UNITAGE STATE AND ACCOUNTS WE WEND & UNITAGE STATE AND ACCOUNTS WE WEND ACCOUNTS WE STATE AND ACCOUNTS WE WEND ACCOUNTS WE STATE AND ACCOUNTS WE STATE AND ACCOUNTS WE WEND ACCOUNTS WE STATE AND ACCOUNTS WE WEND ACCOUNTS	52	25	٥	S	S	0.9703	0.9681	.0.2%
OTITIS MEDIA & UNITY OF WOLCO OTHER MEDIA & UNITY WOLCO OTHER PAR, NOSE, WOLCO OTHER PAR, N	1,497	1,440	57	1,112	96 66	0.7427	0.6917	%6:9 <sub>%</sub>
LARYWOOTRACHETIS   4,086   3,918   142	10.377	10,446	<b>6</b>	5,182	5,247	0.4994	0.5023	%9:0
TABLE STATEMENT OF THE STATEMENT OF TH	090,4	3.918	142	1,741	489.	0.4287	0.4298	0.3%
CHER FIG. NOTE, MOSE, MOUTH & THROAT DIAGNOSES AGE 5.17   1,455   1479   1.14     MACHE RESPONDING NOSE, MOUTH & THROAT DIAGNOSES AGE 6.17   1,455   1,134   495   1,134   495     MACHE RESPONDING NOSE, MOUTH & THROAT DIAGNOSES AGE 6.17   1,552   1,134   495   1,134   495     OTHER RESPONDING NOSE, MOUTH & THROAT DIAGNOSES AGE 6.17   1,553   1,134   495   1,134   495     OTHER RESPONDING NOSE, MOUTHS WICC   2,44   2,97   1,35   1,134   1,135     OTHER RESPONDING NOSE, MELAMMATIONS AGE 5.17 WCC   2,44   2,97   1,35   1,134   1,135     RESPIRATORY INFECTIONS & INFLAMMATIONS AGE 5.17 WCC   2,44   2,97   1,135	1,064		*) w	41.5 C 6	<u> </u>	0.3827	0.3605	5.8%
OTHER REAR, NOSE, MOUTH & THROAT DIAGNOSES AGE 0-17   MADOR CHEST PROCEDURES W CC   311 4.46 5.73   OTHER RESP SYSTEM OR, PROCEDURES W CC   311 4.46 5.73   OTHER RESP SYSTEM OR, PROCEDURES W CC   311 4.46 5.73   OTHER RESP SYSTEM OR, PROCEDURES W CC   311 4.46 5.73   OTHER RESP SYSTEM OR, PROCEDURES W CC   311 4.46 5.73   OTHER RESP SYSTEM OR, PROCEDURES W CC   324 5.83 5.15   RESPIRATORY INECTIONS & INFLAMMATIONS AGE > 17 W CC   36 5.00   RESPIRATORY WESTICKNES & INFLAMMATIONS AGE > 17 W CC   36 5.00   OTHER STITIAL LUNG DISEASE W CC   36 5.00   OTHER RESPIRATORY STIEM OF AGE > 17 W CC   36 5.00   OTHER RESPIRATORY W CC   36 5.00   OTHER RESPIRATORY W CC   36 5.00   OTHER STITIAL LUNG DISEASE W CC   36 5.00   OTHER STITIAL LUNG DISEASE W CC   36 5.00   OTHER RESPIRATORY SYSTEM DIAGNOSE W CC   36 5.00   OTHER RESPIRATORY W C		1 470		201	607	0.4/13	0.3867	24.5%
MAJOR CHEST PROCEDURES W CC   311 584 573			<u> </u>	3 5	5 5	2000	- 0.0	2000
OTHER RESP SYSTEM OR, PROCEDURES W.C.C.  OTHER RESP RAINED OR, PROCEDURE W.C.A.C.  OTHER RESPIRATIORY SYSTEM DIAGNOSES W.C.C.  OTHER RESPIRATIORY SYSTEM DIAGNOSES W.C.C.  OTHER RESPIRATIORY SYSTEM DIAGNOSES W.C.C.  OTHER RESPIRATIORY SYSTEM DIAGNOSE W.C.C.  OTHER RESPIRATIORY SYSTEM		1 24	0 404	8 3	0.00	0.3622	0.6290	12.0%
Chief Resp system or Representations are served by the State of	8207	\$ 8 -	27.0	9000	8,0,4	3.4363	3.5963	\$0.50 \$0.50
PULMONARY EMBOLISM RESPIRATORY INFECTIONS & INFLAMMATIONS AGE >17 W CC Seption 2017 RESPIRATORY INFECTIONS & INFLAMMATIONS AGE >17 W OCC RESPIRATORY OBSERVED SIMPLE PNEUMONIA & PELDIRISY AGE >17 W OCC SIMPLE FINEUMONIA & PELDIRISY A	15.	44.	561.	9/1.	98.5	5.7818	0.0420	0,42.070 VE C.
RESPIRATORY INFECTIONS & INFLAMMATIONS AGE > 17 W CC         580         445         135           RESPIRATORY INFECTIONS & INFLAMMATIONS AGE > 17 W/O CC         244         297         -53           RESPIRATORY INFECTIONS & INFLAMMATIONS AGE > 17 W/O CC         2205         2204         1           RESPIRATORY INFECTIONS & INFLAMMATIONS AGE > 17 W/O CC         92         99         -7           MAJOR CHEST TRAUMA W/O CC         92         99         -7           PLEURAL EFFUSION W/O CC         173         204         -31           PLEURAL EFFUSION W/O CC         350         329         44           PUEURAL EFFUSION W/O CC         368         399         44           PULL MONARY EFFUSION W/O CC         369         390         44           SIMPLE PNEUMONIA & PLEURISY AGE > 17 W/O CC         369         390         -278           SIMPLE PNEUMONIA & PLEURISY AGE > 17 W/O CC         350         356         35         35           INTERSTITIAL LUNG DISEASE W/O CC         613         627         -14         42         43           BRONCHITIS & ASTHMA AGE > 17 W/O CC         613         623         35         35         43         42           BRONCHITIS & ASTHMA AGE > 17 W/O CC         620         4.342         4.32         4.32 </td <th>363</th> <td>351</td> <td>12</td> <td>24.5</td> <td>513</td> <td>1 5075</td> <td>1 4600</td> <td>2 10</td>	363	351	12	24.5	513	1 5075	1 4600	2 10
RESPIRATORY INFECTIONS & INFLAMMATIONS AGE > 17 W/O CC         244         297         -53           RESPIRATORY INFECTIONS & INFLAMMATIONS AGE 0-17         206         296         90         6           RESPIRATORY MECPLASMS         102         84         18         18           MAJOR CHEST TRAUMA WIND CC         92         99         -7           PLEUBAL EFFUSION WIND CC         173         204         -13           PULMONARY EDEMA & RESPIRATORY FAILURE         157         231         -74           CHROWING OSSITRADIAN WIND CC         157         231         -74           PULMONARY EDEMA & RESPIRATORY FAILURE         157         231         -74           CHROWING OSSITRADIAN WIND CC         3,995         3,996         -43           SIMPLE PREUMONIA & PLEURISY AGE > 17 W/O CC         3,602         3,970         -278           SIMPLE PREUMONIA & PLEURISY AGE > 17 W/O CC         3,504         3,400         104           INTERSTITIAL LUNG DISEASE WIND CC         613         432         2,94         3,96           INTERSTITIAL LUNG DISEASE WIND CC         613         636         1,37         14           BROWCHITIS & ASTHMA AGE > 17 W/O CC         613         636         1,28         1,48           BROWCHITIS & ASTHMA A		245	135	707	1084	2 0.281	24366	31.71.
RESPIRATORY INFECTIONS & INFLAMMATIONS AGE 0-17         RESPIRATORY INFECTIONS & INFLAMMATIONS AGE 0-17         96         6           RESPIRATORY WECPLASMS         MAJOR CHEST TRAUMA WIND CC         102         84         18           PLEURAL EFFUSION W CC         PLEURAL EFFUSION WIND CC         173         204         -31           PLEURAL EFFUSION WIND CC         173         204         -38           PLEURAL EFFUSION WIND CC         173         204         -38           PLEURAL EFFUSION WIND CC         3.955         3.956         -3.999         -44           PLEURAL EFFUSION WIND CC         3.956         3.956         -44         -38           PLEURAL EFFUSION WIND CC         3.956         3.956         3.959         -44           CHRONIC OBSTRUCTIVE PULMONIA & PLEURISY AGE 0-17         3.956         3.956         3.970         -278           SIMPLE PNEUMONIA & PLEURISY AGE 0-17         3.950         3.95		282	Ş	392	, S	16050	1 2043	, S. S.
RESPIRATORY NECPLASMS		8	ွှေ	155	8 8	1.6095	2.2451	39.5%
MAJOR CHEST TRAUMA W CC		2,204	-	3,532	4,146	1.6019	1.8812	17.4%
PIECHAL EFELISION W CC	102	2	18	307	112	3.0070	1 3332	-55.7%
PLEURAL EFFUSION W CC	35	8	.7	98	98	0.7200	0.6698	.7.0%
PHEURAL EFEUSION WOO CC	350	321	83	ເກ	<b>6</b> 28	1.4686	2.5836	75.9%
PULLMONANT EDEMA & RESPIRATORY FAILURE	671	충	Ę.	<b>-</b> -	192	0.9445	0.9416	.0.3%
CHICANCO SESTRUCTIVE PULMONARY DISEASE  CHICANCY COSSINATOR PULMONARY DISEASE  SIMPLE PIREUMONIA & PLEURISY AGE >17 W.C C  PIREUMOTHORAX W.C C  PIREUMOTHORAX W.C C  PIREUMOTHORAX W.C C  SIMPLE ASTHMA AGE >17 W.C C  BRONCHITIS & ASTHMA AGE >17 W.C C  SESPIRATORY SIGNS & SYMPTOMS W.C C  OTHER RESPIRATORY SIGNS & SYMPTOMS W.C C  OTHER SIGNS & SYMPTOMS W.C C  OTHER SIGNS & SYMPTOMS W.C C  OTHER STANDARY SIGNS & SYMPTOMS W.C C  OTHER SIGNS & SYMPT	157	231	-74	\$ <del>4</del>	256	3.4656	2.4077	.30.5%
SIMPLE PIREUMONIA & PLEURISY AGE > 17 W/O CC         3,331         2,944         387           SIMPLE PIREUMONIA & PLEURISY AGE > 17 W/O CC         3,692         3,592         3,70         -278           SIMPLE PREUMONIA & PLEURISY AGE 0-17         3,692         3,692         3,692         3,692         3,70         -278           SIMPLE PREUMONIA & PLEURISY AGE 0-17         3,692         3,692         3,692         3,692         3,692         3,692         3,692         3,692         3,692         3,692         3,692         3,692         3,692         3,692         3,692         3,692         3,692         3,692         3,602         3,692	3,955	3,999	7	5,819	4,611	1,4712	1.1529	.516%
SIMPLE PREJUDINA & PLEURISY AGE 0-17   SIMPLE PREJUDINA & PLEURISY & PLEURISY & SIMPLE PREJUDINA & PLEURISY &	3,331	2,944	28.	5,364	4.271	1.6104	1.4508	%6.6
INTERSTITAL LUNG DISEASE WCC	269.6	0,8,0	8/2		3,25/	0.9331	0.8204	.12.1%
INTERSTITIAL LUNG DISEASE WIO CC   335   358   23	# 06.5	355	<u> </u>	4.3.4 6.30	455.7 405.8	1,6163	1.6752	3.0%
PNEUMOTHORAX W CC PNEUMOTHORAX W CC PNEUMOTHORAX W CC PNEUMOTHORAX W CC PNEUMOTHORAX WO CC BROWCHITIS & ASTHMA AGE > 17 W/C CC COTHER RESPIRATORY SIGNS & SYMPTOMS W/C CC COTHER RESPIRATORY SYSTEM DIAGNOSES W/C CC COTHER RESPIRATORY SYSTEM DIAGNOSES W/C CC COTHER RESPIRATORY SYSTEM DIAGNOSES W/C CC CARDIAC VALVE PROCEDURE W/C CARDIAC CATH CARDIAC VALVE PROCEDURE W/C CATH CARDIAC VALVE PROCEDURE W/C CARDIAC CATH CARDIAC VALVE PROCEDURE W/C CATH	335	358	23	291	348	0.8696	0.9716	11.7%
PNEUMOTHORAX WOO CC	211	182	ጺ	328	282	1.6947	1.5666	.7.6%
BRONCHITIS & ASTHMA AGE > 17 W CC	613	627	-14	388	415	0.6492	0.6626	2.1%
BRONCHITIS & ASTHMA AGE > 17 W/O CC	1,556	1,375	181	1,866	1,461	1.1991	1.0626	.11.4%
BHONCHITIS & ASTHMA AGE 0-17     RESPIRATORY SIGNS & SYMPTOMS W CC     RESPIRATORY SIGNS & SYMPTOMS W CC     OTHER RESPIRATORY SYSTEM DIAGNOSES W CC     OTHER RESPIRATORY SIGNOSES W CC     OTHER SIGNOSES W CC     OTH	4,342	4,368	93	3,795	3,308	0.8741	0.7573	.13.4%
HESPIHATOHY SIGNS & SYMPTOMS W CC	6,914	6,853	61	3,737	3,980	0.5405	0.5807	7.4%
1.225   1.428   -103	999	622	64	651	645	0.9792	1.0376	%0.9 9
OTHER RESPIRATION SYSTEM DIAGNOSES W/O CC 1,645 1,788 -143  HEART TRANSPLANT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	325	1,428	£ 5	8 :	S ;	0.6795	0.6676	%8°
HEART TRANSPLANT  CARDIAC VAI VE PROCEDURE W CARDIAC CATH  CARDIAC VAI VE PROCEDURE WOO CARDIAC CATH	810.1	926	\$ <del>.</del>	EL/,1	<b>3</b> 6	1.6822	1.3195	21.6%
CARDIAC VALVE PROCEDURE W CARDIAC CATH CARDIAC VALVE PROCEDURE WOO CARDIAC CATH CARDIAC VALVE PROCESSURE WAS CARDIAC CATH		38	-143	1,392	1,336	0.8460	0.7470	%/ []
CARDIAC VALVE PROCEDURE WASHING CATH CARDIAC VALVE PROCEDURE WASHING CATH	0 (	0 90	۰ د	0 ;	0 8			: ;
	271	<u> </u>	ب ښ	- S	560.	6.1176	8.7435	21.1%
CONDUNDY WITH THE CALL OF THE	707	683		3 036	1000	6.0474	0.7207	ر د د د د د د د د د د د د د د د د د د د
		3	-	200.5	- R6'0	0.010	0.1.10	¢ 0:

.. Continued ..

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EXHIBIT 3-4: COMPARISON OF VERSION 4 AND VERSION 8 DISPOSITIONS, RWPS, AND CASE-MIX INDICES (CMIS) (SORTED IN DRG ORDER) (Continued)

				DIFFERENCE					"AGE CHANGE
		VERSION 4	VERSION 8	Z	VERSION 4	VŁ RSION 8	VERSION 4	VERSION 8	ž
ORG	G DESCRIPTION	DISP	DISP	DISPOSITIONS	RWPs	RWPs	Š	CWI	CMI
10,	COBONARY BYDASS W ARDIAC CATH	602	8	ō.	3.504	3 525	5 1104	4 2164	30.0
2		147	189	3 4	3	1.13	3,8231	9880	3 3
5		549	0	249	1,352	0	5.4304	}	
011		532	401	131	2,134	1,756	4.0110	4.3785	34.7.5
111	l	283	338	æ	<b>8</b>	986	2.8422	2.8482	0.5%
112	PERCUTANEOUS CARDIOVASCULAR PROCEDURES	2.022	1.64	38.	5.085	3,904	2.5147	2 3789	54%
===	AMPUTATION FOR CIRC SYSTEM DISORDERS EXCEPT UPPER L	130	173	43	553	749	4.2528	4.3314	1.8%
=		75	7.7	?	172	162	2.2947	2.0998	·8 5%
- 15	١	so	-	4	24	2	4.7176	4.7169	%00
2	B PERM CARDIAC PACEMAKER IMPLANT W/O AMI, HEART FAILURE OR SHOCK	8	18	-	- Sec	267	3.2513	3.2982	1.4%
		8	25	4	167	2	1.7418	1 3548	.52.5%
<b>9</b>	_	21	18	9	45	497	2.1623	2 7442	Se:3%
		1,131	1,132	<del></del> !	626	<b>8</b>	0.8657	0.8027	7.3%
3	O THEN CINCULATORY SYSTEM O'N. PROCEDURES	245	8	49	1,035	90/	4.2238	3.6045	14 7%
<u> </u>		926	9 6	8 8	1,740	900'1	1.8795	1.8299	2.6%
7 5		0/6,2	26.	<u>.</u>	ر د د د د د د د د د د د د د د د د د د د	<b>3</b> 5	1003	55155	% 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
3 5		9/7	5.5	3 5	- 62 a t	000	1.4630	3.4113	600
- 2		88.5	6116	28	5.734	5 142	97.50	1.0043	, c
28	ACUTE & SUBACUTE ENDOCARDITIS	56	26	?	330	274	3.4787	2 8201	78.0%
127		2.997	3091	, 9 <u>i</u>	3,832	4.022	1.2786	1 3013	1.8%
128		192	192	0	174	163	0.9064	0.8510	3,4
8		<u> </u>	145	4	727	996	5.1585	2.5359	\$0.8%
5	D PERIPHERAL VASCULAR DISORDERS W CC	1,331	1,056	275	1,524	1,348	1.1452	1.2763	11.4%
131	1 PERIPHERAL VASCULAR DISORDERS W/O CC	1,581	1,898	-317	1,230	1,370	0.7781	0.7221	.7.2%
Ē		1,598	1,664	99.	1,787	2,655	1,1181	1.5954	42.7%
133		1,120	1,999	-879	1,116	2,342	0.9966	1,1714	17.5%
<u>\$</u>		1,586	1,528	8	1,092	686	0.6882	0.6473	.5.9%
5	- !	28	251	40	962	485	1.0165	1.9330	%Z:06
<u>.</u>		538	278	96.	175	991	0.7316	0.5967	.18.4%
137		375	319	<b>9</b> 8	<b>38</b> 6	614	1.0564	1.9251	82.2%
8 8		2,768	7	877	2,584	1,843	0.9337	0.9744	4.4%
3		2,330	3,026	96 96	1,626	1,949	0.6980	0.6442	7.7%
3	A SANCOCIA COLLABSE W.C.	3,126	3,219	56	2,364	2,362	0.7561	0.7338	30%
		933	007	202	8 6	000	0.7400	36030	, c
153	_	507.7	CTT T	69.	28 29	4 952	0.6860	0.5933	7.5.5 7.1 5.
1		816	Š	8 8	1,157	1,372	1.4175	1.5176	7.1%
145		693	762	69	652	747	0.9412	0.9803	4.2%
146		186	18	105	<b>76</b> 3	246	3.7335	3.0399	-18.6%
147		176	113	63	436	\$02	2.4778	1.8128	.56.8% -26.8%
<b>9</b>		1,683	1,442	241	6,526	5,407	3.8778	3.7494	-3.3%
941		1,138	1,412	-274	2,424	2,797	2.1302	1.9808	7.0%
5	OCCUPANTAL ACHERICATION WILL DEDITORIAL ACHERICATION WILL DEDITORIAL ACHERICATION WILL DO	987	\$ 20	* S	2 2	800	2.4521	2.8131	14.7%
<u>.</u>		4/9	<u> </u>	5 5 5	8 %	655 200	1,5154	1.2342	.27.7%
1 2		200.6	8 %	2,823	5.916	313	1 9133	11636	36.06
7		662	295	001	2.654	2.281	1000	4.0580	25.
155	STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE > 17	614	3	ş	1,249	1,153	2.0339	1.7908	.11.9%
	PROCEDURES AGE 0-17	273	502	89	36	336	1.3339	1.6374	22.7%
157		662	<b>4</b> 28	536	732	425	1,1058	9866.0	.9.7%
<u> </u>	ANAL / STOMAL PROCEDURES W/O CC	4,001	4,245	-244	2.614	2,551	0.6533	0.6009	.B.0%
<u>2</u>	9 HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL AGE >17 W CC	523	353	170	657	418	1.2565	1.1834	5.8%

·· Continued ··

EXHIBIT 3-4: COMPARISON OF VERSION 4 AND VERSION 8 DISPOSITIONS, RWPS, AND CASE-MIX INDICES (CMIS) (SORTED IN DRG ORDER) (Continued)

VEHSION B         IN         VEHSION 4         VEHSION B         VERSION A           DISP         DISPOSITIONS         NAWPS         RAWPS         CAII           2.344         162         1,875         1,971         0,8440           687         793         1,317         491         0,8996           10.552         780         5,504         5,820         0,6533           203         41         560         422         2,3776           778         44         807         402         2,3776           135         510         1,440         153         2,222           136         3,4         1,66         1,204         0,789           137         403         32         1,374         0,789           138         3,4         403         32         1,374           139         3,4         1,6         1,20         0,789           138         3,2         1,440         1,53         0,744           139         3,2         1,440         1,53         0,744           130         1,0         4,2         6,2         1,440           1,0         1,0         1,40         1,50<	L				DIFFERENCE					"AGE CHANGE
Comparison   Com	-		VERSION 4	VERSION 8	Z	VERSION 4	VERSION 8	VERSION 4	VERSION 8	Z
MOUNTALE FERDING, READLY RECORDER SING 5.1 WIND CC   1.00   1.0	5		OISP	DISP	DISPOSITIONS	RWPs	RWPs	CMI	ĊWI	CMI
	91	CALL DAM IA BOOM IN A TANAM ONLI TORONE STOLENO STOLENO ALIMORNI	8	2000	Ş	750,	,			
	3 9	INCUINAL P ECMODAL LICENIA DOCCOLOGIC ACTIVISMON	7777	40°,7	2 2	C/8.1		0.8440	0 8200	%1.2
PREMICE TOWN WE COMPLEASE BY CO.   1,000   1	9		084,1	200	5	/18.1	169	0.889.0	0.7141	3/5
######################################	3 5		2//6	260,01	26/	, 20,	5,820	0.5633	0.5516	, i .,
### CASH CASH CASH CASH CASH CASH CASH CASH	<u>و</u>	1	3,219	3,191	98	1,520	1,545	0.4721	0.4842	2.0%
### PROMISE CONTRICTOR NOT CONTRICTO	¥ ;		7 <del>7</del> 7	503	41	<b>9</b> 8	422	2.3776	2.0810	12 5%
### Configence Color Note Configence Color Note Color N	3		<b>3</b>	//8	\$	907	916	1.2358	1.1772	% 4
######################################	38		<b>5</b> 000	383	17	403	321	1.3034	1.0984	.15 7%
MOUTH PROCEDURES WGC   150	16,		4,063	4.082	6-	2,921	2,987	0.7189	0.7318	1.8%
WOOTH PROCEDURES WOCK         4082         1308         1308         1007         1008         1008         1008         1008         1008         1008         1008         1008         1008         1008         1008         1178	168		645	135	510	1,440	153	2.2325	1.1346	49.2%
DIGESTING TRANSPERD OF PROCEDURES WOCC   219 185 34 187 187 187 187 187 187 187 187 187 187	20		4,062	1,306	2,756	4,235	362	1.0427	0.7364	29.4%
ORGENITIOR GANGE CASTER NATIONALY WICE   1505 1514 1515 1516 1517 1178 1178 1178 1178 1178 1178 1178	5		219	185	8	797	662	3.5043	3.5782	2.1%
Decisive AutoCharce Wooc	7		27.5	721	35	1,068	920	1.3786	1.1791	.14.5%
COMPLICATION WOLCE   1909   175   259   220   1504   1505   1505   1605   100	172		948	718	65	1,505	1,607	1,7745	2.2382	%1 92
19.06   1.54   25.59   16.75   16.95   16.75   16.95   16.75   16.95   16.75   16.95   16.75   16.95   16.75   16.95   16.75   16.95   16.75   16.95   16.75	173		479	715	536	746	202	1,5566	1.6839	**
UNCOMPLICATED PREFIXE ULCER NOTCE   UNIVERSITY OF CHARLES   1789   1789   1789   1789   14059     UNCOMPLICATED PREFIXE ULCER NOTCE   1889   1891   1879   1789	174		906'1	1,584	352	2,279	1,675	1 1959	1.0573	.11.6%
COMPLICATED PETTOL LICER NO.C.   1,049   1,627   370   345	175		1,931	2,529	<b>86</b> 5	1,438	1,735	0.7445	0.6861	.7.8%
NACAMPLICATED PERFOCICITION WORD CENTED NATION (CIETA NO. CIETA	176		330	625	-306	403	879	1.2588	1.4057	11.7%
NEW COMPLEXISTED FINE ULICER MICE AT MICE AND CE   1,994   1627   1572   1470   1,182   1,018   1,01	171		369	569	8	346	253	0.9389	0.9396	0.1%
Inchmanian   Inches	178		1,049	1,621	575	770	1.152	0.7339	0.7105	% 6.
CHANGING CANCENDER NOTE   CHANGING CANCENDE NOTE   CHANGING CANCE	179		1,191	1,220	62.	1.401	1,666	1.1760	1.3655	16.1%
SCOPHAGITE, CASTREENT A MISC DIGGET DISORDER BA AGE >17 W CC.   853	8		617	443	174	3	482	1.0816	1.0886	%/ 0
ESCHHADITIS, GASTRICENTIA, a MISC DOCEST DISOPRERA RAGE > 17 WO CC.  18.659 2 20.70 3.429 1.18 PR 14.07 0.00 1.00 1.00 1.00 1.00 1.00 1.00 1	181	_	851	1.02	061	523	631	0.6141	0.6064	.1.3%
SCHOMADITIS CASTRICANY & MISCORDERS No. 12 pt. 18650   22079   3429   11892   14379   66579	3	ESOPHAGITIS, GASTROENT, & MISC DIGEST DISORDERS AGE > 1	6.374	5,330	480	5.453	4 327	0.8555	0.8117	%1.5
ENTAL A ORALL DS EXCEPT ENTRACTIONS A RESTORATIONS. AGE 9.77  ENTAL A ORALL DS EXCEPT ENTRACTIONS A RESTORATIONS. AGE 9.77  ENTAL A ORALL DS EXCEPT ENTRACTIONS A RESTORATIONS. AGE 9.77  ENTAL A ORALL DS EXCEPT ENTRACTIONS A RESTORATIONS. AGE 9.77  ENTAL A ORALL DS EXCEPT ENTRACTIONS A RESTORATIONS. AGE 9.77  OTHER DIGGS INTER SYSTEM DIAGNOSES AGE 9.77  OTHER DIAGNOSE OF PARCHES AGE 9.77  OTHER DIAGNOSE OF PARCH	58	ESOPHAGITIS, GASTROENT, & MISC DIGEST DISORDERS AGE > 1	18,650	22,079	3.429	11,892	14.079	0.6377	0.6376	%00 0
CENTAL & OPALI DIS EXCEPT EXTRACTORAS ARE RESTORATIONS, AGE 9.17         1,425         1335         90         1744         1350         1013           CENTAL & OPALL DIS EXCEPT EXTRACTORAS ARE RESTORATIONS, AGE 0.17         1,420         4,42         2         26         217         0,4897         0,4882           CENTAL & CANAL DIS EXCEPT EXTRACTORAS ARE RESTORATIONS, AGE 0.17         1,40         9         7,544         1,30         1,30         1,30         1,30         1,4897<	\$		5,559	5,477	8	2.053	2.236	0.3692	0.4083	10.6%
CENTAL EXPRIENTIONS ARESTORATIONS ARE D17         4.93         461         22         206         211         0.489         0.482           CENTAL EXPRIENTIONS ARE RESTORATIONS ARE D17 WOCC         1.930         1.009         92         7.94         9.87         0.673         0.6534           OTHER DIGESTIVE SYSTEM DIAGNOSES AGE >17 WOCC         4.951         6.12         -1.201         3.930         3.872         0.733         0.6534           OTHER DIGESTIVE SYSTEM DIAGNOSES AGE >17 WOCC         4.951         6.12         -1.201         3.930         0.4637         0.6534           OTHER DIGESTIVE SYSTEM DIAGNOSES AGE >1.7 WOCC         4.951         6.12         -1.201         3.930         0.4637         0.4637           PANCIES LLIVER S SHUNT PROCEDURES WGC         1.17         3.9         1.009         3.24         6.466         3.109           BULANT PRACT PROCE EXCEPT ONLY TOT CHACLEYST WG ORD         1.9         1.2         1.7         3.9         1.009         3.2         1.711         1.7           BULANT PRACT PRACT PROCE EXCEPT ONLY TOT CHACLEYST WG DE WG         1.16         1.2         1.2         1.7         3.9         1.009         3.2         1.7         1.7         1.7         1.7         1.7         1.7         1.7         1.7 <td< td=""><th>581</th><td>DENTAL &amp; ORAL DIS EXCEPT EXTRACTIONS &amp; RESTORATIONS,</td><td>1,425</td><td>1,335</td><td>8</td><td>1,744</td><td>1,350</td><td>1.2237</td><td>1.0113</td><td>17.4%</td></td<>	581	DENTAL & ORAL DIS EXCEPT EXTRACTIONS & RESTORATIONS,	1,425	1,335	8	1,744	1,350	1.2237	1.0113	17.4%
DENTAL EXTRACTIONS A RESTORATIVES   14,391   14,400   9   7,564   9,647   1,569   1,	98	DENTAL & ORAL DIS EXCEPT EXTRACTIONS & RESTORATIONS.	439	461	\$	902	211	0.4697	0.4582	-2.4%
OTHER DIOCESTIVE SYSTEM DIAGNOSES AGE >17 W CC         1990         1008         942         2 701         1190         13822         1180T           OTHER DIOCESTIVE SYSTEM DIAGNOSES AGE >17 W MOCC         4591         61.32         -1.201         3872         0.7735         0.6834           OTHER DIOCESTIVE SYSTEM DIAGNOSES AGE >17 W MOCC         15         17         37         1.090         1.324         6.2842         0.6837           OTHER DIOCESTIVE SYSTEM DIAGNOSES AGE >17 W MOCC         15         17         37         1.090         1.324         6.2894         0.6837           OTHER DIOCESTIVE SYSTEM DIAGNOSES AGE >17 W MOCC         15         1.13         32         1.090         1.324         6.2896         3.109           AWACHERS, LIVE A SHUNT PROCEDIARS W MOC         1.13         1.29         -1         50         364         3.109	187		14,391	14,400	ģ	7,584	9,847	0.5270	0.6838	29.8%
OTHER DOLES FIVE SYSTEM DIAGNOSES AGE - 17 WO CC OTHER DOLES FIVE SYSTEM DIAGNOSES AGE - 17 WO CC OTHER DOLES FIVE SYSTEM DIAGNOSES AGE - 17 WO CC OTHER DOLES FIVE SYSTEM DIAGNOSES AGE - 17 WO CC OTHER DOLES FIVE SYSTEM DIAGNOSES AGE - 17 WO CC OTHER DOLES WERE AS LIVER A SHUNT PROCEDURES W CC PANCHEAS, LIVER A SHUNT PROCEDURES W CC DANDARD FIRE AS LIVER A SHUNT PROCEDURES W CC DANDARD FIRE AS LIVER A SHUNT PROCEDURES W CC DANDARD FIRE AS LIVER A SHUNT PROCEDURES W CC DANDARD FIRE AS LIVER A SHUNT PROCEDURES W CC DANDARD FIRE AS LIVER A SHUNT PROCEDURES W CC DANDARD FIRE AS LIVER A SHUNT PROCEDURES W CC DANDARD FIRE AS LIVER A SHUNT PROCEDURES W CC DANDARD FIRE AS LIVER A SHUNT PROCEDURES W CC DANDARD FIRE AS LIVER A SHUNT PROCEDURES W CC DANDARD FIRE AS LIVER A SHUNT PROCEDURES W CC DANDARD FIRE AS LIVER A SHUNT PROCEDURE W CC DANDARD FIRE AS LIVER A SHUNT PROCEDURE W CC DANDARD FIRE AS LIVER A SHUNT PROCEDURE W CC DANDARD FIRE AS LIVER A SHUNT PROCEDURE W CC DANDARD FIRE AS LIVER A SHUNT PROCEDURE W CC DANDARD FIRE AS LIVER FIRE AND CC DANDARD FIRE AND CC DANDARD FIRE AS LIVER FIRE AND CC DANDARD FIRE AND C	188		1,950	1,008	942	2,701	1,190	1.3852	1.1801	14.8%
OTHER DIGGESTIVE SYSTEM DIAGNOSES AGE 0-17 PANCHEAS, LIVER A SHUNT PROCEDURES W OC BILLIARY TRACT PROCEDURES W OC CONTRACT COLLECYSTECTION W C.D.E. W C. COTAL CHOLECYSTECTION W C.C. COTAL CHOLECYSTECTION W C.C. COTAL CHOLECYSTECTION W C.C. COTAL CHOLECYSTECTION W C.C. COTAL CHOLECYSTECTION W C. COTAL CHOLECYSTECTION W C.C. COTAL CHOLECYSTECTION	186		4,951	6,152	187	3,830	3,872	0.7735	0.6294	18.6%
PANCIERS, LIVER & SHUNT PROCEDURES W CC PANCIERS, LIVER & SHUNT PROCEDURES W CC BILLARY TRACT PROCEDURE W CC BILLARY DIAGNOSTIC	<u>.</u>		769	654	4	322	303	0.4637	0.4637	%0.0
PAMCEAS, LIVER SALUND FOCCEURES W/O CC         156         117         39         1,009         364         6.4666         3 1094           BLIARAY TRACT PROCE EXCEPT ONLY TOT CHOLE CYST WOND CDE. W/O         138         139         17         267         175         21501         1,7125           BILLARY TRACT PROCE EXCEPT ONLY TOT CHOLE CYST WOND CDE. W/O         103         102         1         221         175         21501         1,7125           TOTAL CHOLE CYSTECTOMY WO.D.E. W.O.C.         103         129         3-6         249         286         1,528         1,437           TOTAL CHOLE CYSTECTOMY WO.D.E. W.O.C.         1,161         965         3,465         1,825         1,572         1,772           TOTAL CHOLE CYSTECTOMY WO.D.E. W.O.C.         1,161         966         3,465         1,825         1,572         1,772           TOTAL CHOLE CYSTECTOMY WO.D.E. W.O.C.         1,161         960         3,465         1,825         1,572         1,772           TOTAL CHOLE CYSTECTOMY WO.D.E. W.O.C.         1,162         1,162         3,605         3,867         1,572         1,572         1,572         1,572         1,572         1,572         1,572         1,572         1,572         1,572         1,572         1,572         1,572 <t< td=""><th>161</th><td></td><td>175</td><td>212</td><td>.37</td><td>1,090</td><td>1,324</td><td>6.2289</td><td>6.2432</td><td>0.2%</td></t<>	161		175	212	.37	1,090	1,324	6.2289	6.2432	0.2%
BILIARY TRACT PROCE EXCEPT ONLY TOT CHOLECYST W ORI WIND C.D.E. W/         138         139         -1         687         560         4.2512         4.1710           BILIARY TRACT PROCE EXCEPT ONLY WO C.D.E. W/O         103         102         1         221         1773         2.77         4.1710           BILIARY TRACT PROCE EXCEPT ONLY WO C.D.E. W/O         163         199         36         249         286         1.528         1.437           TOTAL CHOLECYSTECTOMY WO C.D.E. WO CC         163         199         36         249         286         1.528         1.437           TOTAL CHOLECYSTECTOMY WO C.D.E. WO CC         163         199         36         249         286         1.528         1.437           TOTAL CHOLECYSTECTOMY WO C.D.E. WO CC         4.717         5607         89         3.405         1.887         1.5721           TOTAL CHOLECYSTECTOMY WO C.D.E. WO CC         4.717         5607         89         5.405         1.528         1.4377           TOTAL CHOLECYSTECTOMY WO C.D.E. WO CC         1.71         1.71         1.66         8         6.71         2.723         1.1458         1.527           HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR MALIGIANICY         1.74         1.74         1.74         1.74         3.74         3.74	<u>-</u>		156	117	æ	1,009	<b>3</b> 6	6.4666	3.1094	.51.9%
International Control Choice Control Choice Control Choice Choi	28		138	139	7	287	280	4.2512	4.1710	1.9%
TOTAL CHOLECYSTECTOMY W. C.D.E. W. C.	<u> </u>		103	102	-	122	175	2.1501	1.7125	.20.4%
TOTAL CHOLECYSTECTOMY WO C.D.E. WO CC	<u>~</u>		<u>¥</u>	274	/9	742	527	2.1771	1.9228	.11.7%
TOTAL CHOLECYSTECTOMY WOC CD.E. W CC   1.161   986   3.405   1.867   1.5721   1.57	<u>8</u>		163	<u>8</u>	ĸ	249	586	1.5288	1.4377	%0·9-
TOTAL CHOLECYSTECTOMY WOO C.D.E. WOO C.C.	6		2,146	1,161	982	3,405	1,825	1.5867	1.5721	%6:0-
HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR MALIGNANCY HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR MALIGNANCY HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR MALIGNANCY HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR NON-MALIGNANCY HEPATOBILIARY DIAGNOSTIC PROCEDURE SOR PROCEDURE SOR HEPATOBILIARY OF PARCREAS O.R. PROCEDURE SOR HEPATOBILIARY OR PANCREAS C.R. PROCEDURE SOR HEPATOBILIARY SYSTEM OR PANCREAS C.R. PROCEDURE SOR MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS C.R. PROCEDURE SOR PANCREAS C.R. PROCEDURE S.R. P	3	ı	4,717	5,607	980·	5,405	5,723	1.1458	1.0208	.10.9%
The Part Oblitancy Diagnacy In Author Diagnacy In Indiana In Indiana In Indiana In Indiana India	8 8	HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR MALIGNANCY	<b>3</b> 8 ;	8	0	119	155	2.0438	2.6647	30.4%
The Procedures of the Proced	₹ <b>8</b>	OTHER ICENTION AND STREET OF BOOK OF THE STREET OF THE STR	174	99	œ ·	637	454	3.6600	2.5540	30.5%
MALOR PROCEDURES EXCEPT MALOR JOINT & LINB REALING PROCEDURES EXCEPT MALOR JOINT & GE 517 WC C C C C C C C C C C C C C C C C C C	₹ §		96 £	<b>5</b>	<b>4</b> (	383	385	3.8284	3.6693	% 7
1,361   1,465   1,465   1,465   1,465   1,465   1,465   1,464   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,444   1,241   1,24	3 5		8 3	£ 5	ē. S	1,023	1,320	1.5354	1.9276	25.5%
DISORDERS OF TANKER STATEMENT AND CAST AND	3 3	ı	7/6	SAC	12.	938	916	1.4653	2444	5.4%
DISONDERS OF LIVER EXC. MALIG. CIRM, ACT RETAIN CO.  DISONDERS OF LIVER EXC. MALIG. CIRM, ACT RETAIN CO.  DISONDERS OF THE BILLIARY TRACT W.C.  DI	ŧ,		1,361	404.	£ ;	1,423	61/1	1.0457	1.2241	17.1%
DISORDERS OF THE BILLANY TRACT W CC.  MAJOR JOINT & LIMB REATTACHMENT PROCEDURES HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE > 17 W CC.  HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE > 17 W CC.  HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE > 17 W CC.  HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE > 17 W CC.  S20 598 -70 1,115 1,182 2,1113 1,9770 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE > 17 W CC.  S20 598 -70 1,115 1,182 2,1113 1,9770 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE > 17 W CC.  S20 214 6 368 390 1 F.76 1,827	3 8		689	9 2 3	8 9	1,293	1,171	1.8770	1.7849	\$ :
DISORDERS OF THE BILLIANT TRACT WOOLD MAJOR JOINT & LIMB REATTACHMENT PROCEDURES HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE > 17 W/O C HIP & FEMUR PROCEDURES EXCE	3 8		20.	- C	÷	3 3	42/	0.8118	0.6403	21.1%
MADDRA CONTROLLES BLANK TIME TO THE PROCEDURES  1,100 1,503 403 3,94 4,64 3,085 1 2,001  HIP & FEMUR PROCEDURES EXCEPT MAJOR JOIN 1 AGE >17 W CC 528 598 266 868 3,662 2,9113 1,9770  HIP & FEMUR PROCEDURES EXCEPT MAJOR JOIN 1 AGE >17 W CC 528 598 70 1,115 1,182 2,1113 1,9770  HIP & FEMUR PROCEDURES EXCEPT MAJOR JOIN 1 AGE >17 W CC 520 214 6 368 390 1 F. 16 1,827	\$ \$			9 :	e ş	<b>9</b>	2. 5.	0.9552	1.1045	%9.5
MACHINE PROCEDURES EXCEPT MALOR JOIN 1 AGE > 17 W CC 528 599 265 365 3185 2:9701 2:9722 2:27 HP & FEMUR PROCEDURES EXCEPT MALOR JOIN 1 AGE > 17 W CC 528 599 7:05 1:15 1:182 2:113 1:9770 HP & FEMUR PROCEDURES EXCEPT MALOR JOIN 1 AGE > 17 W CC 520 2:14 6 3:68 3:90 1:15 1:182 7:116 1:18237	8	1		6/1/1	132	682	798	0.65.11	0.6771	4 0%
HIP & FEMURY PROCEDURES EXCEPT MAJOR JOIN 7 ME > 1 M OC 598 289 265 2,065 868 3,6621 2,9022 2 2 HIP & FEMURY PROCEDURES EXCEPT MAJOR JOIN 7 MGE > 1 M OC 598 70 1,115 1,118 2 1113 1,9770 1,115 1,15 1,115 1	₹ <del>2</del>	MAJOH JOHN & LIMB HEAT JACHMENT PROCEDURES	001.1	1,503	403	3,394	4.464	3.0856	2.9701	3.7%
HIP & FEMUR PROCEDURES EXCEPT MAJOR JOIN TAGE 0-17 220 214 6 368 390 1 FT 6 1,8237			<b>3</b> 6 3	80.5	98	2,065	868	3.6621	2.9022	.20.8%
ZZO Z14 B 368 390 1F '16 1.8Z37			876	96.0	9, ۰	1,115	1,182	2 1113	1.9770	.6.4%
_	* —	HIP & PERIOR PROCEDURES EXCEPT MAJOR JOIN : AGE U-1/	222	214	9	<b>89</b>	96 3	90.91	1.8237	% 6

· Continued ·

EXHIBIT 3-4: COMPARISON OF VERSION 4 AND VERSION 8 DISPCUITIONS, RWPS, AND CASE-MIX INDICES (CMIS) (SORTED IN DRG ORDER) (Continued)

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				DIFFERENCE					%AGE CHANGE
_		VERSION 4	VERSION 8	₹	VERSION 4	VERSION 8	VERSION 4	VERSION 8	Z
خَ	DESCRIPTION	DISP	DISP	DISPOSITIONS	RWPs	RWPs		CMI	CMI
-	SACRETATIONS CORNEL CONTRACT SACRANGE SACRATERIAN SACRANGE SACRATERIAN SACRANGE SACR	ğ	٠,	c	980	ř	1000	000	-
2.5	DACK A MECK DECIDED INFO WICH	50 Y	, c	2. 741	2007	3/1	2.063	34/02	3.47
2.5		2,874	3 0 10	9	109	4 00 A	1,6010	1330	3 3
216		410	420	9 -	692	1.037	1.8768	2.4681	3.5%
217		1,066	069	376	3,472	2,939	3.2572	4 2600	30.8%
218		349	270	62	758	483	2.1709	1 7876	17 /%
219		3,321	3,396	75	3,917	3,817	1,1793	1.1241	4 /%
8		511	Š	2	452	439	0.8840	0.96.0	-2.5%
2		294	243	51	647	467	2.2001	1.9202	.12.7%
222		9,575	11,644	5,069	10,280	14,954	1.0736	1.2843	19.6%
8	MAJOR SHOULDER/ELBOW PROC, OR OTHER UPPER EXTREMITY PROC WITH CC	1,645	1,304	<u>\$</u>	2,111	1,300	1.2831	0.9973	.22.3%
ă		2,792	2,119	673	2,451	1,751	0.8780	0.8263	2 3%
8		5,463	5,795	.33%	4,484	4,955	0.8208	0.8551	%
8	ı	221	165	93	313	386	1.4174	1.6095	15.5%
22/	SOFT TISSUE PROCEDURES W/O CC	3,020	3,294	-274	2,603	2,967	0.8619	0.9008	4.5%
8 8 		958	833	۲-	851	773	10301	0.9282	% 6.6
<b>3</b> 8	HAND ON WHISH PHOCE EXCEPT MAJOR FOR HOUSE WOLCO	36C'9	9.26	<b>3</b> 0 9	5,376	5,102	0.8151	0.7745	5.0%
3 8		70/	7,005	97-1	6,4	2010	13801	0.8880	200
3 8	A TUDO CODO V	320.6	3 742	22.5	6000	3,723	130	1,1701	90.7
3 8		800	143	191	4,0,0 9,00	0.44	0.770	1971	36.30
3 8	OTHER MICEOLOGICAL STATE COMMITTEE OF BOTH THE OTHER OF BOTH OF STATE OF ST	5 5	5 60 6	946	3 480	2000	4 1900	3.0803	13.3%
Š		2,101	026	2.2	064,2	7,280	1 6303	4,000	8 8
3 8		, 4Z	442	<u>v</u> %	, 	64.	1 0881	1 2050	% G 1
337		146	143	3	141	8	0.9677	0.6735	30.4%
238		528	98	0.	434	360	1.6840	1.4167	.15.9%
23		662	811	-15	1.135	1.458	14211	1 7984	26.5%
240		4 -	114	8	753	733	1.7074	1,7825	%4.4%
241	CONNECTIVE TISSUE DISORDERS W/O CC	<b>26</b>	846	-52	743	673	0.9355	0.7953	.15.0%
242		<u>\$</u>	136	2	165	Ŕ	1.2291	1.4787	20.3%
243		9,498	9,499	<del>-</del>	8,065	6,798	0.8491	0.7157	-15.7%
77		342	232	110	350	375	0.9362	1.6160	72.6%
245		277	688	-117	524	874	0.6783	0.9832	44.9%
246	NON-SPECIFIC ARTHHOPATHIES	88	8	0	132	148	0.6580	0.7402	12.5%
74		1,786	1.819	ន់ :	1,466	395	0.8210	0 7671	%9.9·
		1,316	404.	8 <b>9</b> 5	910	955	0.6911	0.6800	%9 <u>.</u>
2 5	THE CARE, MOSCOLOSNELE IN STOLEM B CONNECTIVE TOUGH	202 102	828	Ç, Y	B 0	20.0	1,2151	1.2383	, è
3 5		1 302	469	<b>?</b> F,	875	, S	0.8286	0.1383	35.01
35	FX, SPRN, STRN & DISL OF FOREARM, HAND, FOOT AGE 0-17	773	780		588	312	0.3482	0.4004	15.0%
283		384	317	29	469	479	1.2211	1.5121	23.8%
35		3,533	3,613	ġ	2,186	2,458	0.6188	0.6803	86.6
255	FX, SPRN, STRN & DISL OF UPARM, LOWLEG EX FOOT AGE 0-17	922	729	ú	305	345	0.4158	0.4738	13.9%
38		2,186	2,320	134	1,908	2,120	0.8727	0.9138	4.7%
257		295	422	0£	<b>.</b>	470	1.2337	1.1131	%8·6·
8		<b>8</b> 8	1,016	-132	್ರ <b>68</b>	906	1.0098	0.8913	.11.7%
8 8		211	117	3. 3	98	239	1.7447	2.0462	17.3%
<b>R</b> 8	SUBIOTAL MASTECTOMY FOR MALKSNANCY W/O CC	99	65/	<b>9</b>	591	646	0.8914	0.8510	4.5%
R	1	23	2.517	.167	2,232	2,465	0.9499	0.9794	3.1%
2 5		950'9	6,058	ې ن	3,418	3,624	0.5644	0.5962	%0.9 90.9
3 8		211	55.	<b>3</b> 9	/8/	452	3.7297	3.6719	%C.1.
ę į	SAN GAME BOOK LEGING FOR SAN DECEMBER OF CELECITIES WOLCE	<b>3</b> . 3	145	9 6	18.5	ရှိ မ	2.11/5	2.1025	9, 0
€ —		744	2	₹	36	4	2.0081	2.0860	3.5%

EXHIBIT 3-4: COMPARISON OF VERSION 4 AND VERSION 8 DISPOSITIONS, RWPS, AND CASE-MIX INDICES (CMIS) (SORTED IN DRG ORDER) (Continued)

						ONCIGOLS	, 140,000,000	0.4013012	3
		VERSION 4	VERSION 8		VEHSION 4	VEHSION B	VERSION 4	VEHSION	=
ORG	OESCRIPTION	DISP	DISP	DISPOSITIONS	RWPs	RWP	CM	CMI	CMI
998	SKIN GRAFT AND OR DEBRID EXCEPT FOR SKIN HILDER OR CELLULITIS W.	1 392	1 033	349	1532	1 186	1 1000	1 1484	A 70%
267	SERIANAL A PILONIDAL PROCEDURES	1 575	585	3 5	98	g c	0.5483	0.600	er ox
88	SKIN, SUBCUTANEOUS TISSUE & BREAST PLASTIC PROCEDURES	1.697	707		1.368	1.468	0.8060	0.8617	* 3 - 3 - 6
568	OTHER SKIN, SUBCUT TISS & BREAST O'R, PROC W CC	725	370	355	1,482	835	2.0435	2.2560	:04%
270	OTHER SKIN, SUBCUT TISS & BREAST OR PROC W/O CC	5,627	6,050	-423	5,236	5,610	0.9304	0.9272	0.3%
172	SKIN ULCERS	230	282	52	297	507	1.2923	1,7984	39.5%
272	MAJOR SKIN DISORDERS W.CC	211	163	48	228	222	1.0827	1.3631	25.9%
273	MAJOR SKIN DISORDERS W/O CC	<b>2</b> 5	326	35	259	305	0.8821	0.9344	2.6%
274	WALIGNANT BREAST DISORDERS W.CC	385	347	38	589	871	1.5307	5.5096	64.0%
275	MALIGNANT BREAST DISORDERS W/O CC	273	309	9¢.	285	673	1.0424	2.1771	108.8%
276	NON MALIGNANT BREAST DISORDERS	1,914	1,915	•	1,167	1,514	0.6098	0.7904	%9.62
277	CELLULITIS AGE >17 W CC	1,445	1,277	168	1,572	1,267	1.0879	0.9925	%8·8·
278	CELLULITIS AGE >17 W/O CC	4,397	4.709	-312	3,354	3,172	0.7627	0.6735	.11.7%
279	CELLULITIS AGE 0-17	1,051	1,017	35	587	531	0.5588	0.5223	.6.5%
580	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE >17 W CC	988	804	85	649	502	0.7327	0.8818	20.3%
281	TRAUMA TO THESKIN, SUBCUT TISS & BREAST AGE > 17 W/O CC	2,730	3,018	.288	1,380	1,886	0.5056	0.6249	23.6%
585	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 0-17	485	528	<b>4</b> 3	176	82	0.3624	0.4336	19.7%
283	MINOR SKIN DISORDERS W.CC	738	467	172	629	403	0.8558	0.8636	1.3%
28		2,915	3,068	-153	1,826	1,924	0.6265	0.6271	0.1%
582	AMPUTAT OF LOWER LIMB FOR ENDOCRINE, NUTRIT&METABOL DISORDERS	7.1	11	0	207	243	2.6920	3.1618	17.5%
<b>58</b> 8	ADRENAL & PITUITARY PROCEDURES	118	118	0	353	<b>3</b> 62	2.9897	2.2467	-24.9%
287	SKIN GRAFTS & WOUND DEBRID FOR ENDOC, NUTRIT & METAB DISORDERS	119	22	83	ž	165	2.1963	2.8927	31.7%
<b>588</b>	O.R. PROCEDURES FOR OBESITY	274	273	_	498	470	1.8161	1.7234	.5.1%
588	PARATHYROID PROCEDURES	118	117	-	127	112	1.0763	0.9558	.11.2%
8	THYROID PROCEDURES	1,312	1,309	က	1,110	1,063	0.8458	0.8124	%6°C-
<b>2</b>	THYROGLOSSAL PROCEDURES	137	137	0	8	72	0.4394	0.5258	19.7%
8	OTHER ENDOCRINE, NUTRIT & METABO.R. PROC W CC	8 :	Z	9	170	192	2.8313	3.5642	25.9%
£ 1	OTHER ENDOCHINE, NUTRIT & METABOLR, PROC W/OCC	6/	83	4	99	Ξ	2.1075	1.3416	-36.3%
Ž	DIABE LES AGE >35	2,2,5	2,295	8	1,761	1,809	0.7881	0.7882	%0.0
582	DIABETES AGE 0-35	1,525	1,527	?	1,018	935	0.6679	0.6122	.8.3%
8 8	NUTHITIONAL & MISC METABOLIC DISORDERS AGE >17 W CC	1,712	1,356	326	2,012	1.645	1.1750	1.2131	3.5%
<u>R</u> 8	NUTHITIONAL & MISC METABOLIC DISORDERS AGE 517 W/O CC	2,196	2,575	379	1,774	1,601	0.8078	0.6216	.23.0%
8 8	NOTHINGNAL & MISC METABOLIC DISCRIDENS AGE 0-17	L/8'.	908'	S	1.58	286	0.6739	0.4908	-27.2%
8	INDOORING BLOODERS WELDS	600	C.	إم	401	014	1,1828	1.18/1	0.4%
3 5	ENDOCHINE DISORDERS W.C.	204	/ac .	6 8	200	463	1.1478	1.1651.1	7.5%
į	ENCOCHINE DISCHARGE AND COC	ž 9	50.5	Ď.	90,00	3 3	0.7520	0.7017	%/·Q·
3 8	KIDNEY LIBETER & MAIOR RI ADDER PROCEDITRES FOR NEODI ASM	3 %	25 8	> 5	9 2 8	2 4 4 6	3.9125	2,01.7	%9'10 '%9'0
Š	KIDNEY, URETER & MAJOR BLADDER PROC FOR NON-NEOPL W.CC	378	8	2 92	867	62.5	2 2927	2 1402	*99 99
305	KIDNEY, URETER & MAJOR BLADDER PROC FOR NON-NEOPL W/O CC	716	768	55	1.003	296	1,4005	1.2588	.10.1%
308	PROSTATECTOMY W CC	267	108	159	620	174	2.3227	1,6121	-30.6%
30,	PROSTATECTOMY W/O CC	215	328	.113	234	281	1.0882	0.8557	-21.4%
8	MINOR BLADDER PROCEDURES W CC	219	156	63	326	549	1.6239	1.5958	.1.7%
8	MINOR BLADDER PROCEDURES W/O CC	228	329	131	293	381	1.2858	1.0624	-17 4%
310	TRANSURETHAAL PROCEDURES W CC	269	385	315	834 76	446	1,1962	1.1671	.2.4%
311	TRANSURETHRAL PROCEDURES W/O CC	1,037	1,363	.326	862	1,102	0.8314	0.8085	.5.8%
315	URETHRAL PROCEDURES, AGE > 17 W CC	125	8	69	011	51	0.8827	0.9155	3.7%
313	UNE I HHAL PROCEDURES, AGE > 17 W/O CC	488	234	46	372	409	0.7633	0.7654	0.3%
314	URETHRAL PROCEDURES, AGE 0-17	138	138	0	56	95	0.6561	0.6876	4.8%
315	OTHER KIDNEY & URINARY TRACT O.R. PROCEDURES	411	437	<b>%</b>	1,345	303	3.2721	2.9817	%6.89 %6.9%
316	HENAL FAILURE	743	896	.525	1,693	2,149	2.2784	2.2196	.5.6%
-	AUMII FOR RENAL DIAL TSIS	540,1	5,042	- ;	612	468	0.5863	0.4494	.23.3%
	ALDNEY & CHINARY LAACH NEOFLASMS W.CC	662	2	5	4KB	452		2000	è

EXHIBIT 3-4: COMPA: ::ON OF VERSION 4 AND VERSION 8 DISPOSITIONS, RWPs, AND CASE-MIX INDICES (CMIs) (SORTED IN DRG ORDER) (Continued)

				DIFFERENCE					%ACE CHANGE
		VERSION 4	VERSION	<u>z</u>	VERSION 4	VERSION 8	VERSION 4	VE RSION 8	ž
DRG	DESCRIPTION	DISP	DISP	SPOSITIONS	RWPs	RWPs	CMI	CMI	CMI
319	KIDNEY & URINARY TRACT NEOPLASMS W.O.C.	114	163	64	8	233	81.80	1.4235	
88	KIDNEY & URINARY TRACT INFECTIONS AGE 317 W CC	1,776	1,434	34.5	1,750	1.423	0.9851	0.9923	
8	KIDNEY & URINARY TRACT INFECTIONS AGE >17 W/O CC	2,841	3 194	.353	1,864	2,028	0.6562	0.6350	 1.
355	KIDNEY & URINARY TRACT INFECTIONS AGE 0-17	1,391	1,342	49	750	728	0.5394	0 5427	0.6%
8	URINARY STONES W CC, 8/OR ESW LITHOTRIPSY	696	1,432	-463	878	1,146	1.0094	0.8005	20 /20
Š,	URINARY STONES W/O CC	3,375	2,917	458	1,987	1,493	0.5888	0.5120	13.0%
S S	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE >17 W CC	333	210	123	328	235	0.9837	1.1214	14 0%
8	KIONEY & CHINARY THACL SIGNS & SYMPTOMS AGE >17 W/O CC	602	622	ج. ج	439	373	0 7286	0.5999	.17.7%
à	AILMET & CHINARY IMACI SIGNS & STMPTOMS AGE 0-17		105	99	97	43	9895	0.4107	27.8%
<b>R</b> 8	UME THRAL STRICTURE AGE >17 W CC	<b>8</b> ;	58	<u></u>	27	%	O. 70 <b>84</b>	0.9195	%9.62
S S	UNE IMMAL STRICTUME AGE >17 W/O CC	8/	8	-12	35	8	0.6950	0.5609	.19.3%
8	URETHRAL STRICTURE AGE 0-17	43	43	0	4	4	0.3158	0.3354	6.2%
5 8	OTHER KIDNEY & URINARY TRACT DIAGROSES AGE > 17 W CC	305	643	528	1,131	695	1.2544	1.0810	.13.8%
3 8	OTHER KILDNEY & UNINARY THACT DIAGNOSES AGE > 1 / W/O CC	198	100	223	585	111	0.6790	0.7170	2.6%
3 3	CIMEN MICHEN & UNINAMY INACI DIAGNOSES AGE (F-1/		433	<b>S</b>	<b>8</b>	430	0.6777	0.9921	46.4%
<b>3</b>	MAJOR MALE PELVIC PROCEDURES WITH CC	161	137	54	395	345	2.4372	2.5191	3.4%
8 8	MAJOH MALE PELVIC PROCEDURES W/O CC	26 : E	373	5.5	654	55	1.8573	1,7298	%6.9 <sub>%</sub>
3 5	TRANSCHEIMAL PHUSTATIONA W CC	8 6	286	50 7	1,140	452	1.0312	1.1379	10.4%
ì	TRANSCHEINAAL PROSTATECTOMY WAS CO	100	016.1	60/-	653	1,148	0.8152	0.7605	%/ 9
3 8	TESTED PROCEDURES, FOR MALKWANCY	/£ <b>4</b>	435	N 6	414		6,450	1.1276	%0.61 
3 3	TRUTTO DODOUGHOUSED MONTHER CONTROL ACTIVITY	040.5	0.040	o (	1951	1,821	0.6419	0.5991	%/ 9
3	FEW IND PROCEDURES, NON-MALKINANCY ASSEU-17	80.0	1,306	∾ į	702	693	0.5367	0.5308	%1.1%
\$ 3	PENIS TAUCEDONES	626	O (	.1.	626	3 1	1.0172	1.0046	.1.2%
š	CIRCOMCISCON AGE >1/	251,1	1,152	٥	289	82/	0.5113	0.6328	23.8%
3	CINCOMCISION AGE OF /	2,479	1.6.	200	1,/81	00 5	0.7184	0.4710	% 4 %
<b>1</b>	OTHER MALE REPRODUCTIVE SYSTEM OF PROCEDURES FOR MALIGNANCY	<b>3</b> . (	s ;	<del>.</del> .	86	182	1 464 /	1.9190	310%
9 8	CIMEN MALE REPRODUCTIVE SYSTEM ON PROCENCE TO MALIGNANCY	25	193 28 C	e (	189	4 .	0.9642	0.5913	% %
5 2	MALIGNANOV, MALE DEPAROCOCITYE OTOTEM, VI CO	4 C	6/2	<b>*</b> 5	e 62	4 L	1.8515	1.6126	-12.9%
Š	SCHOOL DOCTATO INDICATION OF STATEM, WILL CO	62)	200	31.	533	9)	1.0352	19/34	%906
3 3	BENEW PROPINC HIPERINGTHY WCC	/22	86 8	128	8 3	<b>3</b> 7 ;	0.7944	0.5868	%1.99. 1.90.
7	BENEVATION OF SUIT ASSESSED OF SUIT ASSE	ē :	56.	96.	<u>z</u>	213	0.6223	0.5423	12.8%
3	INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM	904.0	1,401	~ 0	686	<b>8</b>	0.7027	0.6381	-9.2%
3 8	OTENICALISATION, MALE	3,093	3,702	مذر	1,405	1,496	0.3804	0.4042	6.2%
3	DITION OF THE PROPERTY DESIGNATION OF THE PROPERTY OF THE PROP	6/0	ī	7.	RAB	3	0.6601	0.6643	0.6%
3 2	PELVIC EVISCENATION, MADICAL MISTEMECTOMY & VOLVECTOMY TITEDING ADMICA DOOP GOD BOOK OVARIANADMICKAL MALIO WICE	4.00	4 5	<b>-</b> •	522	£ 33	2.2374	2.5708	14.9%
3,6	LITEDING ADMEYA DOOD FOO MONDON OVABIANYADMEYA MANDON	2 2	221	2 :	8 8	₹ .	17561	0/40.	24.4
3 %	CLEMINE, AUNEMA TROCK TON NOW, CVARIAN ALD REMAINED MALIG W/O CC.	1410	65	/ I.	80 c.	//2	1.2426	0.0460	.15.8%
357	UTERIUS & ADENEXA PROC FOR OVARIAN OR ADNEXAL MALIGNANCY	183	183		527	<u> </u>	23613	2 1363	% S G
358	UTERUS & ADENEXA PROC FOR NON-MALIGNANCY W CC	2,533	2.400	133	3.407	2,836	1.3450	1.1817	12.1%
359	UTERUS & ADENEXA PROC FOR NON-MALIGNANCY W/O CC	10,384	10,545	-161	966'6	660'6	0.9626	0.8913	7.4%
98	VAGINA, CERVIC & VULVA PROCEDURES	2,195	2,103	26	1,729	1,840	0.7877	0.8748	11.1%
98	c	8,587	8,831	-244	6.589	7,225	0.7673	0.8181	%9:9
8	ENDOSC. C TUBAL INTERRUPTION	4,510	4,504	9	1,655	1,844	0.3670	0.4094	11.6%
8	DAC, CONIZATION & RADIO-IMPLANT, FOR MALIGNANCY	833	507	4	489	487	0.9725	0.9607	.1.2%
8	O&C, CCN:2ATION EXCEPT FOR MALIGNANCY	4,913	5,039	-176	2,624	2,621	0.5340	0.5150	.3.6%
98	OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURY	288	28g	4	865	116	1.4711	1.5602	6.1%
9	MALISNANCY, FEMALE REPRODUCTIVE SYSTEM W CC	23/	8	E	335	338	1,4022	1.6464	17.4%
8	NALIGNANCY, FEMALE REPRODUCTIVE SYSTEM W/O CC	325	357	-32	217	346	0.6691	0.9679	44.7%
8 8	INFECTIONS, FEMALE REPRODUCTIVE SYSTEM	1,938	1,935	e ;	1,249	1,131	0.6443	0.5848	.9.2%
8 8	MENS HUAL & CIPEM PEMALE HEPHOLUCIIVE SYSTEM DISCHDENS	3,527	3,370	157	1,684	1,783	0.4775	0.5291	10.8%
2,7	CENAREAN SECTION WITH C. C.	19.791	4,665	8 ;	5,958	5,148	1.2435	1.1036	% II :
Š	CEDAMY AIN DECLICA WILL C. C.	12,884	12.988	114	12,591	10,843	0.9772	0.8342	.14.6%
					İ				

EXHIBIT 3-4: COMPARISON OF VERSION 4 AND VFRSION 8 DISPOSITIONS, RWPs, AND CASE-MIX INDICES (CMIS) (SORTED IN DRG ORDER) (Continued)

1 1 1	VERSION 4 DISP DISP 6.985	VERSION 8 DISP	DISPOSITIONS	VERSION 4 RWPs	VERSION 8 RWPs	VERSION 4	VERSION 8 CMI	IN CMI
.al	OISP 68.98	DISP	DISPOSITIONS	RWPs	RWPs	CM!	CM	CMI
1 !	6,985					0.9215		
1 1	030 73	<b>9</b> 6.9	-	6.436	4 591	7.	0.6573	%/ 8/2
1 1	5	64,078	01-	31,732	28. 28.	0.4953	0.4158	9 3 E
1 1	3,204	3,291	18	2,430	2,285	0.7584	0.6943	3,00
	145	141	4	115	95	0.7897	0.6734	300
Ì	1,221	1,226	è	617	619	0.5049	0.5045	1%
1	525	45 45	<b>3</b> 8 '	379	371	0.7253	0.7986	30 1%
ì	2,146	2.146	0 0	1,727	1,668	0.8047	0.7774	3.4%
1	1,8,8	1.305	9 5	3,636	4.49	0.4101	0.46//	14.1% 0.2%
	7 571	7,512	4	3.005	3,655	4366	0.304.5	10.0%
	1.496	1,495	; -	282	324	0.1888	0.2120	14.9%
383 OTHER ANTEPARTUM DIAGNOSES WIMEDICAL COMPLICATIONS	56911	11,690	· vo	4,781	4.730	0.4088	0.4046	.01
	8,256	8,134	122	4.016	3,598	0.4865	0.4424	%1.6
	1,801	0	1,801	2,067	0	1.1478	;	•
	727	0	727	3,321	0	4.5681	i	:
	1,568	0	1,568	3,140	0	2.0025	•	:
	2.285	0 (	2,285	2,020	0 (	0.8839	i	:
389 NO LONGER VALID	7,514	0 0	7,514	840.4	0 0	0.5387	:	:
1	59 007	28 355	25.8	6090	0 407	0.2329	27610	791.01
	126	140	8 8	574	784°0	3.2624	2 0249	37.0%
	25	8	, c	45	3 %	1.8150	2 6355	45.2%
		883	35.	1.419	1.271	15459	1.4393	%5.9·
RED BLOOD CELL DISORDERS AGE >17	5	2,419	9	2,664	2.518	1.0805	1.041	3.7%
1	577	575	2	395	345	0.6840	0.5994	-12.4%
	701	169	ō	632	828	0.9022	1.2433	37.8%
	2,028	553	1,475	3,433	1,019	1.6929	1.8434	8.9%
	1,114	1,280	.166	910	1,092	0.8166	0.8534	4.5%
400 LYMPHOMA & LEUKEMIA W MAJOR O.R. PROCEDURE	289	<u>%</u>	58	1,308	822	4.5271	3.1489	.30.4%
LYMPHOMA & NON-ACUTE LEUKEMIA W OTHER O.R. PROC W CC		128	12	369	503	2.6343	3.9271	49.1%
	353	8 ;	on y	270	80	1.6142	1.4765	.8.5%
403 LYMPHOMA & NON-ACUTE LEUKEMIA W.C.	669		<b>e</b> :	1,582	2,543	2.2636	3.7348	65.0%
404 FEMPHOMA & NORTHOUSE LEGINERIA W/O CO. 405 ACHTEL SHIKEMIA W/O MAIOR O DE DEDCEDIDE AGE 0.17	956	200	<u>.</u>	300	9 8	1.1918	0.595	6.4%
Ĺ		2	5	30	Ş	36706	26/3	32.0%
	22	8	5.	141	38	1.8299	26186	43.1%
408 MYELOPROLIF DISORD OR POORLY DIFF NEOPL W OTHER O.R. PROC		459	88	944	1,063	1.7907	2.3168	29.4%
	464	465	-	599	534	1.2906	1,1475	.11.1%
410 CHEMOTHERAPY	3,354	3,360	Ģ	2,614	2,994	0.7793	0.8911	14.3%
	108	8	% ;	146	ខ	1.3532	0.3997	.70.5%
	3/3 2/3	95	<u>ن</u> ج	<del>1</del> ;	211	0.4669	0.6202	32.8%
413 OTHER MYELOPHOLIF DIS ON POORLY DIFF NEOFL DIAG WICK	1 : L 200	8/8	g. 3	<b>X</b> 8	5/6 6/4	1.4516	2.0715	42.7%
	636	989	6.7 6.7	3 406	5.60	1.0316	1.2113	\$4:/I
1	454	27.5	2 2	900	1000	8071	4.4530	1 76
	283	9	<u>.</u> 151	8 5	\$ \$	0.7281	0.000	\$ 7.7 % CC
	873	696	, 8 <u>,</u>	1.076	679	1 2327	1 0100	18.1%
	278	215	3 5	323	3 2	1 1603	1 02 76	114%
	226	248	; 2;	228	192	1009	0.7744	23.3%
421 VIRAL ILLNESS AGE >17	9,182	9,152	æ	5,148	5,639	0.5606	0.6162	%6.6
	3,050	2,714	336	1,287	1,238	0.4221	0.4561	8.1%
_	847	793	¥	1,050	1,327	1.2392	1.6731	35.0%
424 O.R. PROCEDURE W PRINCIPAL DIAGNOSES OF MENTAL ILLNESS	298	245	53	1,478	1,264	4.9593	5.1608	4.1%

EXHIBIT 3-4: COMPARISON OF VERSION 4 AND VERSION 8 DISPOSITIONS, RWPs, AND CASE-MIX INDICES (CMIs) (SORTED IN DRG ORDER) (Continued)

				DIFFERENCE					%AGE CHANGE
Ċ		VERSION 4	VERSION 8	N	VERSION 4	VERSION 8	VERSION 4	VERSION 8	2
DHC	DESCHIPTION	ASIO PSIO	DISP	DISPOSITIONS	HWPS	Y Y	Š	SE CE	W <sub>O</sub>
425	ACUTE ADJUST REACT & DISTURBANCES OF PSYCHOSOCIAL DYSFUNCTION	1 774	1.776	?	1.517	2 499	0.8552	1.4072	%5 75
83		4,504	4,509	κċ	4,963	7,169	1.1019	1.5900	3,6
427	NEUROSES EXCEPT DEPRESSIVE	4.917	4,928	÷	4,478	10,795	0.9107	2.1905	40.5%
428	DISORDERS OF PERSONALITY & IMPULSE CONTROL	2,823	2.829	9.	3,227	12,470	1.1437	4.4081	2,85,6%
429	ORGANIC DISTURBANCES & MENTAL RETARDATION	794	9//	18	1,003	5.066	1.2630	2 6627	110.8%
64	PSYCHOSES	4,762	4,752	0	8,105	10,163	1,7019	2.1387	25.7%
431	CHILDHOOD MENTAL DISORDERS	<b>2</b> 5	25.	0	552	790	1.0752	3.3767	214.1%
\$	OTHER MENTAL DISORDERS DIAGNOSES	829	628	0	624	1,668	0.9939	2.6568	167.3%
433	ALCOHOL/DRUG ABUSE OR DEPENDENCE, LEFT AMA	193	193	0	100	171	0.5188	0.8848	70.5%
<u>\$</u>	ALCORUG ABUSE ON DEPEND, DETOX ON OTH SYMPT TREAT W.CC	3,315	1,497	1,818	3,556	2,568	1.0728	1,7157	29.9%
85	NO LONGER VALID	7,565	0	7,565	7,708	0	1.0189	i	:
8,4	ALCORUG DEPENDENCE W REHABILITATION THERAPY	2,663	1,235	1.428	2,657	1,333	0.9977	1.0797	8.2%
437	ALCORUG DEPENDENCE, COMBINED REHAB & DETOX THERAPY	2,272	305	1.970	3,026	480	1,3319	1.5880	19.2%
\$ \$	NO LONGER VALID	0	٥	0	٥	٥			****
68	SKIN GRAFTS FOR INJURIES	<u>\$</u>	<u>4</u>	5	241	410	1.8699	2.8439	52.1%
3	WOUND DEBRIDEMENTS FOR INJURIES	999	347	319	1,365	956	2.0492	2.6683	30.2%
<u>1</u>	HAND PROCEDURES FOR INJURIES	284	293	<b>6</b> .	<b>8</b> 8	305	1.3522	1.0404	-23.1%
4	OTHER O.R. PROC' DURES FOR INJURIES W CC	687	318	369	2,440	1,057	3.5518	3.3246	6.4%
43	OTHER O.R. PROCEDURES FOR INJURIES W/OCC	1,323	1,060	263	2,125	1,340	1.6064	1.2637	.21.3%
1	TRAUMATIC INJURY AGE > 17 W CC	314	254	8	334	566	1.0628	1.0457	.1.6%
<b>4</b>	TRAUMATIC INJURY AGE >17 W/O CC	1,346	1,518	5/1.	1,218	922	0.9049	0.6293	30.5%
4	TRAUMATIC INJURY AGE 0-17	314	338	-24	235	181	0.7485	0.5357	-28.4%
2	ALLERGIC REACTIONS AGE >17	98 86	228	2	96 4	385	0.6493	0.6850	5.5%
448	ALLERGIC REACTIONS AGE 0-17	74	74	0	54	2	0.3183	0.3008	-5.5%
677	ONING & TOXIC EFFECTS OF DRUGS AGE >17 W CC	1,145	1,150	9.	1,243	1,244	1.0857	1.0822	-0.3%
8	INING & TOXIC EFFECTS OF DRUGS AGE > 17 W/O CC	2,742	2,750	æ	1,70¥	1,841	0.6216	0.6695	7.7%
451	POSONING AND TOXIC EFFECTS OF DRUGS AGE 0-17	1,389	1,386	က	60	902	0.4328	0.5091	17.6%
452	COMPLICATIONS OF TREATMENT W.CC	295	310	285	717	523	1.2049	1.6856	39.9%
453	COMPLICATIONS OF TREATMENT W/O CC	928	1881	-45	404	524	0.4837	0.5951	23 0%
454	OTHER INJURY, POISONING & TOXIC EFFECT DIAG W CC	521	503	18	1,003	785	1.9254	1,5605	-19.0%
455	OTHER INJURY, POISONING & TOXIC EFFECT DIAG W/O CC	1,988	2,006	.18	1,120	959	0.5633	0.4782	.15.1%
854	BURNS, TRANSFERRED TO ANOTHER ACUTE CARE FACILITY	8	8	~	09	<b>587</b>	1.7340	3.1588	82.2%
457	EXTENSIVE BURNS W/O O.A. PROCEDURE	4	18	4	29	140	4.7721	7.7612	62.6%
\$	NON-EXTENSIVE BURNS W SKIN GRAFTS	592	361	4	922	922	3.4782	3.5343	1.6%
\$	NON-EXTENSIVE BURNS W WOUND DEBRIDEMENT OR OTHER O.R. PROC	163	8	124	282	83	1.7902	2.1347	19.2%
3	NON-EXTENSIVE BUHNS W/O O.H. PROCEDURE	962	786	124	h 10	669	0.9211	0.8839	.3.5%
461	O.H. PROC WITH DIAGNOSES OF OTHER CONTACT WHEALTH SERVICES	1,251	1,059	192	, S	2,019	1.3862	1.9062	37.5%
3 5		<b>8</b>	040	- ;	416	417	2.9924	2.9819	% \$0.0
20.	OCOMO WITH CO	940	410	36	453	è	1.0149	0.9303	8.58
3	AFTERCARE WHISTORY OF MALGNAMOV AS SECONDARY DIAGNOSIS	976	660	÷ 8	- c	818	0.0453	0.0834	\$4.5°
8	AFTERCARE WIN HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS	905	3.523	3 5	2416	37.6	0.000	10546	86.03
467	OTHER FACTORS INFLUENCING HEALTH STATUS	11.724	11.475	249	5 931	7.878	0.5059	0.6866	35.7%
468	EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS	7.884	3,852	4,032	18.970	12,039	2.4061	3.1253	868
174	BILATERAL OR MULTIPLE MAJOR JOINT PROCEDURES OF LOWER EXTREM	8	6	-	9	48	4.9879	5.3272	6.8%
472	EXTENSIVE BURNS W O.R. PROCEDURE	8	98	4	535	435	17.8268	16.7421	6.1%
473		350	348	2	2,800	3,118	7.9998	8.9594	12.0%
474	NO LONGER VALID	0	0	0	0	0	!	i	:
475	RESPIRATORY SYSTEM DIAGNOSIS WITH VENTILATOR SUPPOR	0	380	380	0	1.62	:	4.3186	:
476		0	4	4	0	121		2.7415	
477	NON-EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS	0	2,415	-2,415	0	4,402	:	1.8226	
478	OTHER VASCULAR PROCEDURES W CC	0	298	969	0	2,142	:	3.5811	:
479	OTHER VASCULAR PROCEDURES W/O CC	0	555	-555	0	1,026	:	1.8486	:

EXHIBIT 3-4: COMPARISON OF VERSION 4 AND VERSION 8 DISPOSITIONS, RWPS, AND CASE-MIX INDICES (CMIS) (SORTED IN DRG ORDER) (Concluded)

		* NO DO DO	o NOBORA	DIFFERENCE	A MOISON	o WOODDY.	F INCIDENT	o WO ad Sy	%AGE CHANGE
DAG	DESCRIPTION	DISP	DISP	DISPOSITIONS	RWPs	RWPs	CMI	CMI	CW
8	INER TRANSPLANT	c	,	r	ć	3		0000	
4	BONE MARROW TRANSPLANT	o c	48	4	o c	£ 8	: :	14 0051	
츎	TRACHEOSTOMY W MOUTH, LARNYX OR PHARNYX DISORDER	0	288	288	o	2 2		3 8804	
483	TRACHEOSTOMY EXCEPT FOR MOUTH, LARNYX OR PHARNYX DISORDER	0	929	.556	0	7.963	:	14.3211	
4	CRANOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA	0	24	-24	0	225		9.3572	
<del>8</del>	LIMB REATTACHMENT, HIP AND FEMUR PROC FOR MULTIPLE SIGNIFICANT	0	101	101	0	295	1	5.6121	
96	OTHER O.R. PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA	0	346	346	0	2.466	:	7.1280	
487	OTHER MULTIPLE SIGNIFICANT TRAUMA	0	279	·279	0	1,085	!	3.8883	:
486	HIV W EXTENSIVE O.R. PROCEDURE	0	S	0Ģ	0	252		5.0425	
<b>3</b>	HIV W MAJOR RELATED CONDITION	0	635	-635	0	2,983	:	4.6975	
8	HIV W OR WO OTHER RELATED CONDITION	0	1,454	1,454	0	4.119	1	2.8329	:
8	NEONATE, DIED WIN ONE DAY OF BIRTH	0	528	-228	0	175	!	0.7679	:
<b>5</b> 8	NEONATE, TRANSFERRED <5 DAYS OLD	0	1,115	-1,115	0	382	1	0.3424	:
	MECNATE BIRTHWI June 1800 DISCHARGED ALIVE</td <td>0</td> <td>9</td> <td><b>9</b></td> <td>٥</td> <td>303</td> <td>:</td> <td>5.0430</td> <td></td>	0	9	<b>9</b>	٥	303	:	5.0430	
3 8	NEGNATE, BIRTHWI (750G), DIED	0 0	7 1	\$ 5	0 (	242	!	10.0864	:
\$ \$	NEONATE DISTUNT 750.0000 DICH	> 0	7 :	Ş:	<b>5</b> 6	5 6	:	10.8394	:
§ §	NEONATE DIRTHWT 1000-1400G W SIGNIE OR DROCE DISCHARGED ALIVE	<b>-</b>	<u>*</u> ;	4 .	<b>5</b> 6	<u> </u>	!	7.5702	
60	NEONATE BIRTHWT 1000-1499G W/O SIGNIF OR PROC. DISCHARGED ALL		ī 98	2 69	<b>&gt;</b> C	305		6 2000	•
8	NEONATE BIRTHWT 1000-1499G DIED	, c	5	5.		145		11 1610	
8			. <del>.</del>	2 90	0	3 %		6.9907	
610	NEONATE, BIRTHWT 1500-1999G, W SIGNIF OR PROC, W/O MULT MAJOR P	0	i ru	ķκύ	• •	4	!	8.7105	
611	NEONATE, BIRTHWT 1500-1999G, W/O SIGNIF OR PROC, W MULT MAJOR P	0	8	, 9è	0	202	:	5.1569	
612	NEONATE, BIRTHWT 1500-1989G, W/O SIGNIF OR PROC, W MAJOR PROB	0	162	-162	0	635	;	3.9167	:
613	NEONATE, BIRTHWT 1500-1989G, W/O SIGNIF OR PROC W MINOR PROB	0	121	-121	0	569		2.2229	
614	NEONATE, BIRTHWT 1500-1999G, W/O SIGNIF OR PROC W OTHER PROB	0	350	320	0	439	i	1.3730	:
615	NEONATE, BIRTHWT 2000-2489G, W SIGNIF OR PROC, W MULT MAJOR PROB	0	4	<b>1</b> -	0	<u>8</u>	:	7.7243	:
616	NEONATE, BIRTHWT 2000-2499G, W SIGNIF OR PROC, W/O MULT MAJOR PRO	0	7 :	4	0	148	:	10.6009	!
١	NEONALE, BIRTHWI 2000-2499G, WO SIGNIF OR PROC. W MULT MAJOR PR	0	88	88	٥	329		3.8223	****
818	NEONATE, BIRTHWT 2000-2498G, W/O SIGNIF OR PROC,W MAJOR PROB	0	181	-181	0	421	ŧ	2.3272	:
9 6	NEONATE, BIHTHWT 2000-2488G, W/O SIGNIF OR PROC, W MINOR PROB	0 (	177	-177	0	253	:	1.4296	:
3 5	NO LUNGER VALID  NEONATE DISTANT 2000 24000 M/O SYAHIE OD DROY W OTHER DEDOG	5 6	0 ;	0 9	0 (	٥	i		-
8 8	NEONATE BIRTHWT - 2400G W SKNIF OR DROCK, WILL THA DR DROP	<b>&gt;</b> C	<u>.</u>	9 5 5 7	<b>&gt;</b> 0	13 65 13 65	į	0.5237	:
Ş	NEONATE RIGHTMY CARRO W CENIE OF DOCK WIN HILL DROP		200	250		000		2000	
8	NEONATE, BIRTHWIT >2486G, W MINOR ARDOM PROCEDURE	<b>,</b>	¥ %	, , ,	<b>-</b>	59 Y	! !	3.5006	:
8	NO LONGER VALID	. 0	9	. 0	0	3 0		600.5	: :
8	NEONATE, BIRTHWT >2489G, W/O SIGNIF OR PROC, MULT MAJOR PROB	0	675	-675	0	67	:	4.0724	;
8	NEONATE, BIRTHWT >2499G, W/O SIGNIF OR PROC, W MAJOR PROB	0	2,870	-2,870	0	, 293		1.1473	
83	NEONATE, BIRTHWT >2499G, W/O SIGNIF OR PROC, W MINOR PROB	0	3,515	-3,515	0	2.204	1	0.6270	:
8 8	NO LONGER VALID	0	0	0	0	0	:		
3 8	NEGNA I.E. BIRTHWI >2499G, W/O SIGNIF OR PROC, W OTHER PROB	0 (	16,654	-16,654	0	3,226	!	0.1937	
2 &	SPO AND OTH CHRONIC RESPIRATION TO DISEASES AND IN PERINATAL PROTEINS DESCRIPATION OF SERVINATION OF THE SER	<b>5</b> 6	÷ 5	<del>,</del> 4	0 (	3/3	!	7.9429	•
E	MII TIPIE OTHER AND LINEDECICIED CONCENTAL ANDMALIES WICE		8 -	8 -		3 4		0.0603	
3 3	MULTIPLE OTHER AND UNSPECIFIED CONGENITAL ANOMALIES, WICCO	<b>,</b>	- 7	) · ·	<b>.</b>	9 49 1	! !	7 3264 2 3 3264	:
83	NEONATAL AFTERCARE FOR WEIGHT GAIN	• •	; <b>~</b>	; <b>~</b>		g 01		1.2606	:
8	NEONATAL DIAGNOSIS AGE > 28 DAYS	0	351	35.	• •	2.951	i	8.4088	:
8	ALCIDRUG ABUSE OR DEPEND, DETOX OR OTH SYMPT TREAT AGE < 21 W/O	0	3,260	3,260	0	9,013	į	2.7646	:
<b>8</b>	ALCIDRUG ABUSE OR DEPEND, DETOX OR OTH SYMPT TREAT AGE > 21 W/O	0	9,519	9,519	0	16,155		1.6971	
	TOTALO	300 000	003 330	91.0	000		, 0, 0		
	UNWEIGHTED AVERAGES	6/9/900	BAC '000	9/7	/43,8 <u>/</u> 3	154.40	1808.0	2006.0	%4°C

EXHIBIT 3-5: COMPARISON OF VERSION 4 AND VERSION 8 DISPOSITIONS, RWPS, AND CASE-MIX INDICES (CMIS) BY DRG (SORTED BY DESCENDING PERCENTAGE CHANGE IN CMI)

				DIFFERENCE					"AGE CHANGE
		VERSION 4	VERSION 8	Z	VERSION 4	VERSION 8	VERSION 4	VERSION 8	ž
S S	DESCR.PTic.N	DISP	Disp	DISPOSITIONS	RWPs	RWPs	CMI	CM	CMI
	Contract to making a bit with a contract of the contract of th	9	č	•	,				
9 5	DISCRIPTION OF TENSOR ALL 1 & IMPOLISE CONTROL	5,823	<b>2</b>	φο	3,227	12.470	1.1431	4.4081	#5 6%
2	CHILDRACO MENTAL DISCOUNTS DIAGNOSTS	<b>3</b> , 8	<b>5</b> 8	> 0	200	8 8	20/07	33/6/	.14 1%
2,5	OTHER MEN ALL DISCOLUTE OF THE PROPERTY OF THE	8 0.2	828	) ÷	4 4 7 9	504.01	0.933	2 1001	16/ J%
\$	ORGANIC DISTURBANCES & MENTAL RETARDATION	767	27.6	- 8	1 003	2,066	1.2630	2 6627	110.8%
275	MALIGNANT BREAST DISORDERS W/O CC	273	906	89	285	673	1.0424	2 1771	108.8%
R	TRAUMATIC STUPOR & COMA, COMA <1 HR AGE >17 W/O	1,141	1,283	.142	1,005	2,270	0.8812	1.7692	100 8%
35	MALIGNANCY, MALE REPRODUCTIVE SYSTEM, W/O CC	225	358	.133	233	902	1.0352	1.9734	%906
135	CARDIAC CONGENITAL & VALVULAR DISORDERS AGE > 17 W CC	25	251	9	983	485	1.0165	1.9330	% 66
137	CARDIAC CONGENITAL & VALVULAR DISORDERS AGE 0-17	375	319	98	396	614	1.0564	1.9251	82 2%
8	BURNS, TRANSFERRED TO ANOTHER ACUTE CARE FACILITY	84	8	~	9	284	1.7340	3.1588	82 2%
38	KIDNEY TRANSPLANT	88	8	0	566	483	3.9128	7.1072	81.6%
88	PLEURAL EFFUSION W.CC	350	8	83	514	828	1.4686	2.5836	75.9%
75	BONE DISEASES & SEPTIC ARTHROPATHIES W CC	342	233	110	350	375	0.9362	1.6160	72.6%
<del>2</del>	ALCOHOL/DRUG ABUSE OR DEPENDENCE, LEFT AMA	193	<u> </u>	0	<u>ē</u>	171	0.5188	0.8848	70.5%
8 5	CONTRACTOR OF NEW NOTE WAS A STANDARD OF THE S	986	30.1	æ :	914	1.648	0.9188	1.5616	70.0%
2 5	NICKET & CHINARY TRACT MECPLANMO W/C CC	114	2 5	7 -	8 8	252	0.8418	1.4235	69.1%
2,4	LIMITIONA & NOVINCOIE LEGNEMIA VI CO ACUTE AD RIST REACT A DISTURBANCES OF PSYCHOSOCIAL DYSELINCTION	989 477 1	1 776	ē,	1,582	2,543	2.2636	3.7348	65.03 82.03 83.03 84.03
274		385	745	38	589	871	1 5207	2 5006	200
457	EXTENSIVE BURNS W/O O.R. PROCEDURE	71	6	3 4	67	140	4 7721	7 7612	79 69
0	SPINAL DISORDERS & INJURIES	555	8	. 51	203	25/2	2.2675	3.6555	8 8
\$	ALC/DRUG ABUSE OR DEPEND, DETOX OR OTH SYMPT TREAT W.C.	3.315	1,497	1.818	3.556	2.568	1.0728	1.7157	36.05
8	MYRINGOTOMY WITH TUBE INSERTION AGE 0-17	5,932	966'9	<b>\$</b>	2,477	3.890	0.4175	0.6485	55.3%
108	OTHER CARDIOTHORACIC PROCEDURES	147	189	42	295	1,113	3.8231	5.8889	\$ 38
466	AFTERCARE W/O HISTORY OF MALICHANCY AS SECONDARY DIAGNOSIS	3,506	3,523	-17	2,416	3,715	0.6890	1.0546	53 1%
8	ARTHROSCOPY	3,366	3,743	-377	2,594	4.410	0.7706	1,1781	52.9%
8	SKIN GRAFTS FOR INJURIES	129	<u>4</u>	<del>5</del>	241	410	1.8699	2.8439	52.1%
ş	LYMPHOMA & NON-ACUTE LETTER MA WOTHER OR PROC W CC	140	128	12	369	503	2.6343	3.9271	49.1%
g 8	OTHER KIDNEY & URINARY TIME TO DIAGNOSES AGE 0-17	383	633	S, S	98	90	0.6777	0.9921	46.4%
8 8	TRAUMATIC STUPOR & COMA <1 HR AGE 0-17	812	8	57 (	382	551	0.4738	0.6885	45.3%
9 4	SPLENECTOMY AGE 0-1/	£ 1	8 8		5	8	1.8150	2.6355	45.2%
367	BASE DISEASES 9 SET IN AN INFORMATION WINDOW  MAI KONANCY FEMALE REPRODUCTIVE SYNTEM WINDOW	2// 3//	35.7	/ I:	524	8/8 4/8	0.6/83	0.9832	4. 24. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25
83	DEPRESSIVE NEUROSES	4.504	4.509	ş	4.963	7,169	1 1019	1 5900	25. 24
407	MYELOPROLIF DISORD OR POORLY DIFF NEOPL W MAJO.R. PROC W/O CC	11	8	-13	14	536	1.8299	2.6186	43.1%
413	OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG W.CC	377	278	8	547	576	1,4516	2.0715	42.7%
ន្ត ន	ATHEROSCIEROSIS W CC	1,598	1,664	99 ;	1,787	2,655	1.1181	1.5954	42.7%
į į	COMPLICATIONS OF TREATMENT W.CC	595	310	285	717	523	1 2049	1.6856	38.8%
5 6	RESPIRATORY INTECTIONS & INTEMMATIONS AGE 0-17	86 8	8 8	ω 5	155	202 202 203	1.6095	2.2451	39.5%
36	SAM OLCERS COAGULATION DISORDERS	<b>3</b> 5	6 6 6 6	ÿ S	88	) o	0.0002	1./984	3, 25
461	O.R. PROC WITH DIAGNOSES OF OTHER CONTACT W HEALTH SERVICES	1,251	1,059	192	1,734	2.019	1.3862	1.9062	37.5%
ş	ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE AGE 0-17	556	556	0	503	684	1,9654	2.6733	36.0%
-	NONSPECIFIC CEREBROVASCULAR DISORDERS W/O CC	161	197	9	164	230	0.8612	1.1698	35.8%
<u>چ</u> و	OTHER FACTORS INFLUENCING HEALTH STATUS MEDIAN IS SYSTEM INFLUENCING PROPERTY OF A MEDIANICATION	11,724	11,475	249	5,931	7,878	0.5059	0.6866	35.7%
§ §	NEW VOOD STOLEM INTECTION EXCEPT VIMAL MENINGLIS	\alpha :	2 6	<b>\$</b> , 3	6//	977	1.3911	1.8831	35.4%
Ş º	OTHER INTECTIOUS & TARASTITIC DISEASES DIAGNOSES NERVOUS SYSTEM NECHASINS WICC	786 886	F &	\$ 8	986. 886.	1,327	1,2392	1.6731	35.0%
412	HISTORY OF MALIGNAN, W ENDOSCOPY	808	340	-31	1	211	0.4669	0.6202	32.8%
287	SKIN GRAFTS & WOUND DEBRID FOR ENDOC, NUTRIT & METAB DISORDERS	119	25	62	261	165	2 1963	2 8927	31.7%
216	BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	410	420	01.	769	1,037	1.8768	4681	31.5%
9	NONSPECIFIC CEREBROVASCULAR DISORDERS W CC	113	ş	o	991	201	1 4696	1.9317	314%

Continued

EXHIBIT 3-5: COMPARISON OF VERSION 4 AND VERSION 8 DISPOSITIONS, RWPS, AND CASE-MIX INDICES (CMIS) BY DRG (SORTED BY DESCENDING PERCENTAGE CHANGE IN CMI) (Continued)

			0.00	ERENCE					%AGE CHANGE
0	4.1000000	VEHSION 4	VEHSIONS	Ni Ni Ni Ni Ni Ni Ni Ni Ni Ni Ni Ni Ni N	VEHSION 4	VEHSION B	VEHSION 4	VE ASION 8	Z ;
5		reid	ricio	CHOLLEGIS	SLAN.	MWFS	Š	S C	CM
¥	OTHER MALE REPRODUCTIVE SYSTEM OF PROCEDURES FOR MALIGNANCY	3	95	7	138	182	1.4647	1 9190	310%
217	WND DEBRID & SKN GRFT EXC HAND, FOR MUSCSKELET & CONN. TISS DIS	1,066	069	376	3,472	2,939	3.2572	4 2600	% B €.
8	HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR MALIGNANCY	38	<b>3</b> 3	0	119	155	2.0438	2.6647	X) 4%
440	WOUND DEBRIDEMENTS FOR INJURIES	999	347	319	1,365	956	2.0492	2 6683	30.5%
<b>468</b>	EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS	7.884	3,852	4,032	18,970	12,039	2.4061	3 1253	%6 €Z
358	URETHRAL STRICTURE AGE >17 W CC	88	58	5	27	82	0.7084	0.9195	% F.
8	DENTAL EXTRACTIONS & RESTORATIONS	14.391	14,400	οù	7.584	9.847	0.5270	0.6838	%9.6X
276	NON-MALIGNANT BREAST DISORDERS	1,914	1.915	<del>-</del> ;	1,167	1,514	96090	0 7904	%9.6X
3	MYELUPHOLIF DISCHILI ON POCHLY DIFF NEOPL WOTHER O'R, PROC	527	459	28	3	1,063	1.7907	2.3168	28.4%
9		3,045	3,105	8	1,786	2,325	0.5866	0.7487	27.6%
213	AMPUTATIONS FOR MUSCULOSKELETAL SYSTEM & CONN TISSUE DISORDERS	50.	107	Çi Ç	586	371	2.7237	3.4702	27.4%
à ;	1 & A PROC, EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGES 1	959	99/	801	365	545	0.5552	0 7071	27.3%
2 8		.~ } <u>`</u>	181	9		497	2.1623	2.7442	<b>%</b> 8
3 5	DICECTIVE MAI CHANCY W. C.	860	710	21.	130	500	1.4211	7967	%6.9%
2,2	MAINS SKIN DISORDERS W.C.	<b>3</b> 7	163	<u> </u>	8 8	<u>)</u> &	1,0822	28622	* 8
8	OTHER ENDOCRINE NUTRIT & METAR OR PROC W.CC	•	3 3	ģ	170	262	2.8313	3 5642	% 50 50 0 50 50
430	PSYCHOSES	4 767	4.752	9 0	8.105	10 163	1 7019	2 1387	25.7%
8	CIRRHOSIS & ALCOHOLIC HEPATITIS	999	589	<u> </u>	1,023	320	15354	765	25.55
72	NASAL TRAUMA & DEFORMITY	488	493	ŵ	230	289	0.4713	0.586	24.5%
27	TRAUMATIC STUPOR & COMA, COMA, 1 HR	539	498	14	1,521	1,747	2.8220	3.5090	24.3%
253	FX SPRN, STRN & DISL OF UPARM, LOWLEG EX FOOT AGE >17 W CC	<b>3</b> 8	317	29	469	479	1.22.1	1.5121	23.8%
345	CIRCUMCISION AGE > 17	1,152	1,152	0	283	729	0.5113	0.6328	23.8%
281	TRAUMA TO THESKIN, SUBCUT TISS & BREAST AGE >17 W/O CC	2,730	3,018	-288	1,380	1,886	0.5056	0.6249	23.6%
408	MYELOPROLIF DISORID OR POORLY DIFF NEOPL W MAJO'R. PROC W CC	107	77	8	394	350	3.6796	4.5442	23.5%
S	CONCLISSION AGE 0-17	75	345	-	86	11	0.2609	0.3214	23.2%
\$3	COM : CATIONS OF TREATMENT W/O CC	928	188	45	<b>4</b> 04	524	0.4837	0.5951	23.0%
<u>8</u>	STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE 0-17	273	ž	28	364	336	1.3339	1.6374	22 7%
9	CARPAL TUNNEL RELEASE	2,259	2,259	0	.429	1,750	0.6325	0.7747	22.5%
417	SEPTECEMIA AGE 0-17	289	<b>9</b> 8	121	906	80	0.7281	0.8902	22.3%
2	DEGENERATIVE NERVOUS SYSTEM DISORDERS	699	670	÷	1,287	1,568	1.9237	2.3408	21.7%
<b>8</b>	OTHER DISORDERS OF NERVOUS SYSTEM W.CC	<b>28</b>	421	8	1,056	1,115	2.1825	2.6489	21.4%
2 4	CARDIAC VALVE PROJECTHE W CARDIAC CATH ACTED AND MUNICIPOR OF MAI KOMANOV AS SECONDADY DIACHOSIS	22.	£ 5	ې ښ	188	1,093	7.2	8.7435	21.1%
3 8	TONINA TO THE EXIL PURCH TIES & DOCAST AND STANDS	200	200	\$ 8	200	560	0.53%	0.6518	\$6.02
8 2	CEDITO ADTUDITION	88	<b>4</b> 5	3 °	8 9 P	ē ē	1,227	0.8818	%. S. S.
2	THYBOTA OSSAL PROCEDURES	\$ 6	3.5	'nС	<u> </u>	<u></u> 5	0.4304	0.5250	50.52 50.02
282	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST AGE 0-17	485		. <del>4</del>	176	8	0.3624	0.4336	3, 61
222	KNEE PROCEDURES W/O CC	9,575	1. 44	-2,069	10,280	14,954	91.	1.2843	19.6%
55	MISCELLANEOUS EAR, NOSE & THROAT PROCEDURES	4,682	3,221	1,461	2,640	2,166	ا ق	0.6726	19.3%
459	NON-EXTENSIVE BURNS W WOUND DEBRIDEMENT OR OTHER O.R. PROC	163	æ	124	292	83	1.7902	2.1347	19.2%
437	ALCIORUG DEPENDENCE, COMBINED REHAB & DETOX THERAPY	2,272	30	1.970	3,026	480	1.3319	1.5880	19.2%
<b>8</b>	TESTES PROCEDURES, FOR MALIGNANCY	437	435	~ ;	414	491	0.9475	1.1276	19.0%
2 2	COMEM DISCHOLLEND OF THE EYE AGE >17 W CC	333	82	8 3	35	270	0.7631	9050	18.3%
8		478	4 5	æ '	83	89 i	1.0881	1.2858	18.2%
ָהָ בְּיַבְּ	FIG. WING AND LOAK EFFECTS OF DROGS AGE C-1/	88.	9 8		5	9 7	0.4328	0.5091	17.6%
3 4	AMBUTAT OF LOWED I MO FOR EMPONDING MILITRITABLE DISORDEDS	5 :	-	6/0	2 5	2,32	0.830	1.1/14	17.0%
8 2	AMPOINT OF LOWER LIMB FOR ENDOURING, NOTHINGMETADOL DISCRIDENS RESPIRATORY NEOR ASMS	7 205 6	200		323	243	0269.7	3.1618	3.5%
1	OTHER MYCHODOLIC DIS DOOD VICE MEDDI DIAG WOOD	200,0	900		2000	071	6.06	2100.1	2 .
, g	MAI KNAMOV CEMAL C DEDDOOLICTIVE EVETCH WITH	23.5	<b>8</b> 8			0.4	1.0316	515.1	847
259	SUBTOTAL MASTECTOMY FOR MALIGNANCY W.C.	. S	1.58	5 3	X 95	930	1 7447	20,000	17.3%
ş	DISORDERS OF PANCHEAS EXCEPT MALIGNANCY	1361	404	; <del>"</del>	1423	1 719	1 0457	1 2241	31.71
			-						

Continued

EXHIBIT 3-5: COMPARISON OF VERSION 4 AND VERSION 8 DISPOSITIONS, RWPS, AND CASE-MIX INDICES (CMIS) BY DRG (SORTED BY DESCENDING PERCENTAGE CHANGE IN CMI) (Continued)

				DIFFERENCE					%AGE CHANGE
		VERSION 4	VERSION 8	Z	VERSION 4	VERSION 8	VERSION 4	VERSION 8	Z
Be	DESCRIPTION	DISP	DISP	DISPOSITIONS	RWPs	RWPs	ĘW.	CM	CMI
3	TA A PROC EXCEPT TONSILI ECITOMY A OR ADENDARGEDOMY ONLY AGE 0.	27174	1766	6.	7847		3000	0.4554	90 91
8	CONCUSSION AGE >17 W/O CC	958	606	14	387	475	0.4518	0.5255	16.3%
2	INFLAMMATORY BOWEL DISEASE	1,191	1,220	Ŗ	1,401	1,666	1.1760	1.3655	16.1%
٦	CRANOTOMY AGE 0-17	727	225	2	646	741	2.8443	3 2912	15 /%
88	DISORDERS OF THE BILIARY TRACT W CC	<b>3</b>	407	ر ع	460	450	0.9552	1.1045	15.6%
g 5	FA, SPAN, SIMN & DISLICT FOREAMM, HAND, FOOL AGE 0-17	5/ 5	96.	· -	60 C	312	0.3482	0.4004	15 0%
8	PELVIC EVISCERATION BADICA TERECTOMY & VIJI VECTOMY	96. 11.	114	- c	25.5	ž	2 2 3 2 4	25.708	, o
3	PERITONEAL ADHESIOLYSIS W.	588	234	, 2 <u>8</u>	902	859	2.4521	2.8131	14 7%
Ŧ	EXTRAOCULAR PROCEDURES EXCLPT ORBIT AGE 0-17	1,553	1,552	-	736	843	0.4737	0.5433	14.7%
5	CHEMOTHERAPY	3,354	3,360	φ	2,614	2,994	0.7793	0.8911	14.3%
976	THREATENED ABORTION	8,871	8,871	0	3,638	4,149	0.4101	0.4677	14.1%
ž Š	KIDNEY & URINARY TRACT SKINS & SYMPTOMS AGE > 17 W CC	333	210	23	35, 36	235	0.9837	1.1214	14.0%
3 8	SEIZURE & HEADACHE AGE 0-17	2.249	2234	5 2	1 239	1401	0.5510	0.4738	13.8%
88	SOFT TISSUE PROCEDURES W CC	22	165	8	313	8	1.4174	1.6095	13.5%
g	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC W CC	<b>3</b> 000	143	161	825	044	2.7132	3.0803	13.5%
<b>%</b>	RHINOPLASTY	4,180	5,466	-1,286	2,199	3,238	0.5261	0.5923	:2.6%
200	NON SPECIFIC ANTHROPATHIES	500	8	0	132	148	0.6580	0 7402	12.5%
91.5	RIGNEY & UNINARY HACH NEOFLASMS WICC	255	8 3	გ (	468	453	1.8342	2.0596	12.3%
? ?	ACUTE LEGREMIA W/O MAJOH C.H. PHOCEDONE AGE > 1/	26.6	<b>3</b> 6	∾ ¢	8 8 8 8	3.118	98867	8.9594	12.0%
\$	CITED TITLE TOWN OF THE STAND O	335	856	2 8	3 8	976	0.5622	0.000	557
<u>₹</u>	COMPLICATED PEPTIC ULCER	8 8	625		403	879	1.2588	1 4057	* *
38	ENDOSCOPIC TUBAL INTERRUPTION	4,510	4,504	9	1,655	1,844	0.3670	0.4094	11.6%
45	NEUROLOGICAL EYE DISORDERS	351	352	-	218	243	0.6202	0.6917	11.5%
6	PERIPHERAL VASCULAR DISORDERS W CC	1,331	1,056	275	1,524	1,348	1.1452	1.2763	11.4%
8	VAGINA, CERVIC & VULVA PROCEDURES	2,195	2,103	86 (	1,729	1,840	0.7877	0.8748	*1.11
3	MENSIMUAL & CITHER PERMALE MEPRODUCTIVE SYSTEM DISCHUERS ERRORLARITIE GASTROCKY & MISS DISCEST DISCHOOLS AGE A 12	3.527	3,370	/61	1,684	1,783	0.4775	0.5291	10.8%
į °	COMMUNICACION CANTINO MINO DIGEST DISCALCENS AGE C-17	800°C	7.4.0	2 7	5,003	0,2,5 35,0	0.364	0.4083	\$9.01 \$3.00
25.	EX SPRIN STRING DISLOF FOREARM, HAND, FOOT AGE > 17 W/O CC	26.	1.469	. <i>L</i> .	875	2 6	0.62%	0.6946	10.07 8.00 19.00
58	OTHER SKIN, SUBCUT TISS & BREAST OR. PROC W CC	725	370	355	1.482	835	2.0435	2.2560	10.4%
336	TRANSURETHRAL PROSTATECTOMY W CC	1,106	397	402	1,140	452	1.0312	1.1379	10.4%
8	HYERTENSIVE ENCEPHALOPATHY	105	105	0	7.3	18	9/69/0	0.7688	10.2%
3	POSTPARTUM AND POST ABORTION DIAGNOSES W O.R. PROCEDURE	522	404	<b>%</b> :	379	371	0.7253	0.7986	10.1%
3	ABOUTING WIGHTON PROCEDURES AND OURSELFACE ON MINISTERIOLOWY	1/6./	7.61. 200.	<del>,</del> 4	3,30 2,00 2,00 3,00 3,00 3,00 3,00 3,00	3,655	0.4366	0.4801	10.01 20.01
<b>%</b>	FX SPRN, STRN & DISL OF UPARM, LOWLEG EX FOOT AGE >17 W/O CC	3,533	3,613	8 <b>8</b>	2,185	2,458	0.6188	0.6803	* 85 50 50
451	VIRAL ILLNESS AGE >17	9,182	9,152	8	5,148	5,639	9095.0	0.6162	%6:6
= {	NERVOUS SYSTEM NEOPLASMS W/O CC	313	338	\$3	373	445	1.1929	1.3089	82.6
3 5	NICATE V. CHELEN & MAJOR BLADDER PROCEDURES FOR NEOFLASM	96 S	345	4 '	5/8	926	2.4696	2.7075	<b>3</b> 90
9 5	CANDIAC VALVE PHOCEDURE W/C CANDIAC CATH MAIOR CARDIOVASCIE AR PROCEDIRES W.C.C.	2, 23	195	` 151	1,242	1,312	6.1474	6.7287	9.5%
212	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE 0-17	220	214	9	88	380	1,6706	1.8237	***
8	RETICULOENDOTHELIAL SIMMUNITY DISORDERS W.CC	2.028	553	1,475	3433	1.019	6889	18.1	36
2	VIRAL MENINGITIS	1,007	938	69	287	\$	0.5928	0.6440	8.6%
<b>5</b>	ALCIDRUG DEPENDENCE W REHABILITATION THERAPY	2,663	1,235	1,428	2,657	1,333	0.9977	1,0797	8.2%
-73	DIGESTIVE MALIGNANCY W/O CC	479	715	-236	746	1,204	1.5566	1.6839	8.2%
8	PERIANAL & PILONIDAL PROCEDURES	1,575	1,565	9	<b>3</b>	928	0 5483	0.5929	80 ·
3 5	VINAL ILLNESS & YEVEN OF UNKNOW? CHRIS AGE 0-17 DOISONING & TOXIO DEFECTS OF OPING AGE 12 W/O O	3,050	2.714	9 °	1,287	1,238	0.4221	0.4561	2 <sup>2</sup> 2
3	BROWCHITS A ASTHMA AGE 0-17	6.914	6.85	9 5	3,737	- 184 - 184 - 184	0.6216	0.5003	7 7 7
		,	G'	5		Por 'c	200	1000.0	

· Continued

EXHIBIT 3-5: COMPARISON OF VERSION 4 AND VERSION 8 DISPOSITIONS, RWPS, AND CASE-MIX INDICES (CMIS) BY DRG (SORTED BY DESCENDING PERCENTAGE CHANGE IN CMI) (Continued)

				DIFFERENCE					%AGE CHANGE
		VERSION 4	VERSION 8	Z	vERSION 4	VERSION B	VERSION 4	VERSION 8	2
DAG	DESCRIPT.C.™	OISP	OISP	DISPOSITIONS	RWPs	RWPs	CNI	CMI	CM
:	COLUMN SOSCIACIÓN DE LOCALO DE LA CALCADA DE	9	8	ģ		cre .			
<u> </u>	OTHER CHACKSON & BEMOVAL OF INT EIX DEVICES EXCEPT HIP A FEMURE	918	98	99.	10.639	9/5.1	1 1377	12176	9 (4)
5	SKIN SUBCLITANEOUS TISSUE A BREAST PLASTIC PROCEDURES	1,697	707		1 368	1.468	09060	0.0617	3 0
<u> </u>	BILATERAL OR MULTIPLE MAJOR JOINT PROCEDURES OF LOWER EXTREM		<i>o</i>	٠.	04	84	6.9879	5.3272	, 89 989
<u>8</u>	JPTION	9.587	8,831	244	6,589	7,225	0.7673	0.8181	999
ş	LYMPHOMA & NON-ACUTE LEUKEMIA W/O CC	639	852	.13	1,000	1,080	1.1918	1.2680	6 4%
<u>8</u>	STERILIZATION, MALE	3,693	3,702	ę.	1,405	1,496	0.3804	0.4042	6 2%
415	O.R. PROCEDURE FOR INFECTIOUS & PARASITIC DISEASES	837	<b>68</b>	153	3,495	3,034	4.1754	4.4358	%2.9
ខ្ល	URETHRAL STRICTURE AGE 0-17	43	43	0	4	14	0.3158	0.3354	6.2%
6	ORBITAL PROCEDURES	569	780	Ŧ.	273	30	1.0130	1.0755	%2.9
88	OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURES	88	<b>3</b> 5	₹ (	865	116	1.4711	1.5602	6 1%
<b>%</b>	BREAST BIOPSY & LOCAL EXCISION FOR NON-MALIGNANCY	95029	6,058	Ç+ ;	3,418	3,624	.0	0.5982	%0.9
8 8	RESPIRATORY SIGNS & SYMPTOWS WICE	965	622	643	651	25 25 26 26	0 s. 12	1.0376	%0.9 9
S	OTUCO MISCIE OSKI CT SVS & COMM TISS OF BOOK WOOD	10.0	900	35.	600	236	0.8821	2000	25.0
5 2	CINEM MOSCOLOSARIEI MYS & COMMINSO C.N. THOC W/O CC	2, 101.3 101.3	C 28.1	9 66	364.2	2,280	1.1802	25.7	***
3 3	ALEBOAR BEACTIONS AND 117	8 9	<u> </u>	623	686	382	0.6403	0.7170	2.0%
8	MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS	225	263	<b>,</b> 2	5 2	916	1.4653	5444	
314	URETHRAL PROCEDURES, AGE 0-17	138	138	0	6	95	0.6561	0.6876	4 8%
8	OTHER MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE DIAGNOSES	2,186	2,320	134	1,908	2,120	0.8727	0.9138	4.7%
22	SOFT TISSUE PROCEDURES W/O CC	3,020	3,294	-274	2,603	2,967	0.8619	0.9008	4.5%
8	RETICULOENDOTHELIAL & IMMUNITY DISORDERS W/O CC	1,114	1,280	99:	910	1,092	0.8166	0.8534	4.5%
<u> </u>	SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	2,059	2,046	5.	3,188	3,309	1.5485	1.6173	. 4 4°.
ş	IN HACCULAR PROCEDURES EXCEPT HE TINA, IRIS & LENS	98	908	-10		720	0.8558	0.8936	4 4%
9 9	CONNECTIVE TISSUE DISORDERS W CC	4	411	8 ;	753	733	1.7074	1.7825	% 4 %
<b>B</b> 8	CARDIAC ANNHY HIMIA & CONDUCTION DISORDERS W. CC	2,768	188,1	//8	2,584	1,843	0.9337	0.9744	4 4%
8 9	PHACMAIN OF COME, COME AT HIS AGE STATEMENT OF ONE AND AND AND AND AND AND AND AND AND AND	8 8	6/2	//1	98.	5 S	9/88/6	1.9691	4.3%
8 %	SAIN CART AND OF BAID EXCEPT FOR SAIN OLDER ON CELLOLITS WITH SOOT PROCEDURES.	5.463	,033 795 795	90°C	1,532	1,180	9001	1.1484	% C 4
1	OTHER CIRCLE ATORY DIAGNOSES W/O CC	205	762	966	660	747	0.000	0.000	4.2%
424	O.P. PROCEDURE W PRINCIPAL DIAGNOSES OF MENTAL ILLNESS	8 8	245	8 56	1.478	1264	4 9593	5 1608	% 7
S	CLEFT LIP & PALATE REPAIR	528	8	S É	178	213	0.6883	0.7158	4.0%
8	DISORDERS OF THE BILIARY TRACT W/O CC	1,047	1,179	.132	682	798	0.6511	0.6771	4.0%
25	MAJOR CHEST PROCEDURES	1,629	1,134	495	5,634	4,078	3.4583	3.5963	4 0%
ā '	SIMPLE PNEUMONIA & PLEURISY AGE 0-17	3,504	3,400	<u>s</u> :	2,314	2,334	0.6603	0.6865	*0.4
- 4	CHANNOLOMY AGENT EXCEPT FOR THAUMA N GRAET AND/OR DERRIED EXCEPT FOR SKIN LEICER OR CELLULITIS WI	929	879 541	<b>8</b> 5	2,879 80.84 80.84	2,838	2.3119	4.4/99	* 8 8 8 8 8
, 0		202	963	38	3,594	3,525	5.1194	5.3164	3.8%
8	LENS PROCEDURES WITH OR WITHOUT VITRECTOMY	6,331	6,287	44	4,953	5,106	0.7824	0.8121	3.8%
312	URETHRAL PROCEDURES, AGE >17 W CC	125	95	69	110	51	0.8827	0.9155	3.7%
84 '	INTERSTITIAL LUNG DISEASE W CC	300	355	38	830	295	1.6163	1.6752	3.6%
<b>*</b> 3	PERIPH & CHANIAL NERVE & OTHER NERV SYST PROC W/O CC	1,581	1,609	85. ÷	1,788	1,882	1.1308	1.1695	3.4%
3 8	MAJON MALE PELVIC PROCEDURES WITH CO. NUTRITIONAL & MISC METABOLIC DISORDERS AGE > 17 W.C.C.	181	1356	<b>7</b> , 95	382		11750	2.5191	3 % C
ž	CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH W/O COMPLEX DIAG	5.888	6,116	228	5.734	6.142	0.9738	1.0043	3.1%
<del>2</del>	BREAST PROC FOR NON-MALIGNANCY EXCEPT BIOPSY & LOCAL EXCISION	2,350	2,517	.167	2,232	2,465	0.9499	16260	3.1%
និ	HERNIA PROCEDURES AGE 0-17	3,219	3,191	28	1,520	1,545	0.4721	0.4842	5.6%
5 8	OTHER DIGESTIVE SYSTEM O.R. PROCEDURES W.CC	219	185	<b>æ</b> :	767	662	3.5043	3.5782	2.1%
8 8	ACTEDIACE MISCILL DEVELOTAL EXPTENT & COMMISCANG TIRELIE	613	/70	4	396	415	0.6492	0.6626	2.1%
	AT IT HOME, MOSCOLOSHELE IAL STOLEM & CONNECTIVE TISSUE AMDITATION FOR CIRC AVAIEN DISCRIPER EXCEDT LIBRER TOR	6 S	856 173	i d	9/8	2007	125.2	1.2383	* 60 60 60 60 60 60 60 60 60 60 60 60 60 6
	EXTRACRANIAL VASCULAR PROCEDURES	463	463	;	<b>8</b>	858	1.8190	1.8523	* %
167	APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAG W/O CC	4,063	4,082	. <del>6</del> .	2,921	2,967	0.7189	0.7318	3,8

EXHIBIT 3-5: COMPARISON OF VERSION 4 AND VERSION 8 DISPOSITIONS, RWPS, AND CASE-MIX INDICES (CMIS) BY DRG (SORTED BY DESCENDING PERCENTAGE CHANGE IN CMI) (Continued)

				DICECOCADO					10.40
		VERSIL	VERSION 8	N.	VERSION 4	VERSION 8	VERSION 4	VERSION B	N CHANGE
ORG	DESCRIPTION	OISP	OISP	DISPOSITIONS	RWPs	RWPs	CMI	CMI	I <b>W</b>
101	HEART FAILURE A SHOCK	2 000 7	100 6	ą	2 833	4 000	307.0		
416	SEPTECEMIA AGE >17	2. 4. 2. 2.	473	t <u>e</u>	926	086	20392	2072	366
458	NON-EXTENSIVE BURNS W SKIN GRAFTS	<b>365</b>	<u>%</u>	4	922	925	3.4782	3 5343	, , , , , , , , , , , , , , , , , , ,
5 8	CORONARY BYPASS W CARDIAC CATH	654	653	1	3,935	3,991	6 0167	6 1116	1 6%
8	ENDOCRINE DISORDERS W CC	462	397	99	230	463	1.1478	1,1651	1.5%
116	PERM CARDIAC PACEMAKER IMPLANT W/O AMI, HEART FAILURE OR SHOCK	8	<b>5</b> 0 }	<del>.</del> ,	<b>9</b>	267	3.2513	3.2982	1 4%
283	MINOR SKIN DISORDERS W CC	736	467	271	629	403	0.8528	0.8636	- 3%
<u>z</u> §	STOMACH, ESCHAGEAL & DUCDENAL PROCEDURES AGE >17 W.C.	299	36.	90 5	2.654	2.281	4.0091	4 0580	2%
Ş	TOWELL ECTOMY AND ADENINECTOMY ONLY ADED 17	9//-	3 146	345	7.00	1,423	0.9851	0.9923	0 7%
3 5	CONSTRUCTION WITH	3,136	9,140	, <u>,</u>	<b>8</b> 29	# 6 -	2000	5,000	%/ O
3 2	OTHER MAIN ERPROPIETIVE SYSTEM DIAGNOSES	679	£ 5	4 0	98	462	91901	0886	* * *
8	KIONEY & URINARY TRACT INFECTIONS AGE 0.17	66	1362	· 67	, <u>, , , , , , , , , , , , , , , , , , </u>	802	0.000	0.5427	200
89	OTITIS MEDIA & URI > 17 W/O CC	10,377	10,446	. G	5.182	5.247	0.4994	0.5023	8 9
800	INBORN ERRORS OF METABOLISM	339	345	9	401	410	1 1828	1 1871	0.4%
313	URETHRAL PROCEDURES, AGE > 17 W/O CC	488	534	46	372	409	0.7633	0.7654	0 3%
2	OTITIS MEDIA & URI AGE 0-17	4,060	3,918	142	1,741	1,684	0.4287	0.4298	0 3%
<u>.</u>	PANCREAS, LIVER & SHUNT PROCEDURES W.CC	175	212	.37	060'	1,324	6.2289	6.2432	0.2%
	MAJOR CARIODASSCULAR PROCEDURES W/O CC	283	828	95	200	996	2 8422	2 8482	0 2%
	MINOR WAIN DISCHARGE WAS CC	2,915	3,068	153	1,826	1,924	0.6265	0.6271	%10
<u> </u>	UNCOMPLICATED PEPTIC ULCER WICC	98. 8	98 3	8 3	9, 8	253	0.9389	0.9396	% 1.0
ğ	CINER UNESTINE STATEM CINCACOES NOE CT.	# SCC C	9000	Q 9	325	505	0.463/	0.4637	%00 000
<b>3</b>	DIMENSON NEWS 233 TONSILLECTOMY A/OR ADENOYDECTOMY ONLY AGE 517	2,633	2,233	<b>8</b> 4	1,79		0.7881	0.7882	* 60° C
2	ESOPHAGITIS GASTROENT & MISC DIGEST DISORDERS AGE > 17 W/O CC	18 650	22.079	3.420	11 892	070	0.6377	0.6376	800
115	PERM CARDIAC PACEMAKER IMPLANT W AMI, HEART FAILURE OR SHOCK	S	-	4	24		4.7176	4 7169	8 6
376	POSTPARTUM & POST ABORTION DIAGNOSES W/O O.R. PROCEDURE	1,22,1	1,226	άν	617	619	0.5049	0.5045	200
<b>Ξ</b>	SYNCOPE & COLLAPSE W CC	963	751	202	902	555	0.7406	0.7394	\$2.0
67	EPIGLOTTITIS	25	25	0	95	S	0.9703	0.9681	.0.2%
8	ABORTION W/O D&C	1,295	1,305	-10	473	476	0.3654	0.3645	.0.2%
8 5	PLEUMAL EFFUSION W/O CC	173	8 5	Ė,	163	192	0.9445	0.9416	0.3%
, c	CONTRACTOR OF THE CONTRACTOR O	1,145	2 2 3 3	, <u>,</u>	1,243	442.7	1 0857	1.0822	0.3%
3	REHABILITATION	139	5 2	57.	416	417	2.9924	2,387.2	, d
ž	SKIN GRAFT & OR DEBRID FOR SKIN ULCER OR CELLULITIS W/O CC	26	145	49	411	305	2.1175	2.1025	
197	TOTAL CHOLECYSTECTOMY W/O C.D.E. W CC	2,146	1,161	382	3,405	1,825	1.5867	1.5721	<b>%6</b> 0
8	OTHER ANTERARTUM DIAGNOSES W MEDICAL COMPLICATIONS	11,695	11,690	yo i	4.781	4,730	0.4088	0.4046	Š
3 8	FESTES PROCEDURES, NON-MALIGNANCY AGE 0-17 DAG CONIZATION & BADIO-IMPLANT FOR MALIGNANCY		1,306 507	~ 4	702	693	0.5367	0.5308	* ? 
동	PENIS PROCEDURES	923	940	11.	939	24	1.0172	1.0046	2
181	G.I. OBSTRUCTION W/O CC	158	1,04	190	523	631	0.6141	0.6064	1.3%
83	SKIN GRAFT AVOR DEBRID FOR SKIN ULCER OR CELLULITIS W CC	211	ន៍	88	787	452	3.7297	3.6719	1.5%
<b>‡</b> 8	TRAUMATIC INJURY AGE >17 W CC	314	<b>3</b>	8 8	334	98	1.0628	1.0457	.16%
:	ACUTE MA DO DOT WITH THE PARTY OF THE PARTY	1.316	180	\$ 0	016	CCR	0.6911	0.6800	16%
\$ \$	ACCIE MAJON ETE INFECTIONS MINOR DI ADDICE DEOCEMIES W.C.	2 2	5 5 7	ω <u>ς</u>	<b>7</b> , 9	247	0.5019	0.4935	<u> </u>
8 €	RESPIRATORY SIGNS & SYMPTOMS W/O CC	1305	1.428	S 5	8 8	953	0.6795	0.8576	* ×
58	BILIARY TRACT PROC EXCEPT ONLY TOT CHOLECYST W OR W/O C.D.E. W	138	139	7	283	280	4.2512	4.1710	8
ž		34.1	329	12	522	493	1.5293	1.4999	8
8	SIALOADENECTOMY	449	450	÷	372	365	0.8279	0.8115	20%
<u>.</u>	TRANSIENT ISCHEMIC ATTACKS AND PRECEREBRAL OCCLUSIONS	1,350	1,349	- ;	20	1,020	0.7714	0.7560	20%
3 5	HENNIA PROCEDURES EXCEPT INGUINAL & FEMORAL AGE >17 W/O CC	2,222	2,364	. 62	1,875	1.971	0.8440	0.8266	31.5
Ā	INCOMAL B TEMORAL DEPINIS TACCEDORES AGENT WOOL	211.8	10,332	08/	<b>\$</b> 06.0	0.820	0.5633	0.5516	%1.?·

EXHIBIT 3-5: COMPARISON OF VERSION 4 AND VERSION 8 DISPUSITIONS, RWPS, AND CASE-MIX INDICES (CMIS) BY DRG (SORTED BY DESCENDING PERCENTAGE CHANGE IN CMI) (Continued)

				DIFFERENCE					"AGE CHANGE
		VERSION 4	VERSION 8	<u>z</u>	VERSION 4	VERSION 8	VERSION 4	VERSION 8	Z
ၟႍ	DESCRIPTION	DISP	DISP	DISPOSITIONS	RWPs	RWPs	CMS	CM!	CMI
124	CIRCULATORY DISORDERS EXCEPT AMI W CARD CATH & COMPLEX DIAG	1.25	136.1	11.	1.878	1 040	14620	1 4321	à
24	SYNCOPE & COLLAPSE W/O CC	1,318	1,499	181	108	088	0.6076	0.5935	
310	TRANSURETHRAL PROCEDURES W CC	269	385	315	<b>8</b>	446	1.1962	1 1671	. 4%
98	DENTAL & ORAL DIS EXCEPT EXTRACTIONS & RESTORATIONS, AGE 0-17	439	461	.22	506	211	0.4697	0.4582	2.4%
220	LOWER EXTREM & HUMER PROC EXCEPT HIP, FOOT, FEMUR AGE 0-17	511	605	2	452	439	0.8840	0.8620	25%
316	RENAL FAILURE	743	<b>3</b>	.225	1,693	2,149	2.2784	2.2196	5 6%
15	CIRCULATORY DISORDERS W AMI & C.V. COMP DISCH ALIVE	976	995	96	1,740	1,036	1.8795	1 8299	2 6%
31	TRANSUHE THAAL PROCEDURES W/O CC	1,037	1,363	85 5	862	1,102	0.8314	0.8085	.2.8%
22	CHICULATORY DISORDERS W AMI W/O C.V. COMP DISCH ALIVE	2,970	1,780	1,190	3,713	2,164	1.2501	1 2155	.2.8%
9	CRANIAL & PERIPHERAL NERVE DISORDERS W/O CC	1,441	1,468	-27	1,233	1,23	0.8557	0.8316	.2.8%
5 5	ANGINA PECIONIS	3,126	3,219	çė ;	2,364	2,362	0.7561	0.7338	30%
₹ 5	PULMONARY EMBOLISM		<u> </u>	2 ;	36	513	1.5075	1.4609	% 1.6
3 2	CONCOMPLICATED PEPFIC OLICEN W/O CO	1,049	Z 2	5/5	0//	1,152	0.7339	0.7105	32%
148	MAIOR SMALL & LARGE BOWEL DROCED IRES W.C.	1 693	1 442	2025	903'	2,028	9 2 2 2 2	0.6350	3.6%
3,2	FOTOPIC PREGNANCY	2 146	2 146	; c	1,727	,04.c	0.8047	20 ACC C	200
9	NON-EXTENSIVE BURNS W/O O.R. PROCEDURE	38	786	124	610	689	0.9211	0.8889	2 %
798	D&C, CONIZATION EXCEPT FOR MALIGNANCY	4,913	5,089	176	2,624	2.621	0.5340	0.5150	3.9%
8	RETINAL PROCEDURES	486	475	Ξ	452	426	0.9308	0.8976	.3.6%
385	RED BLOOD CELL DISORDERS AGE > 17	2,465	2,419	46	2,664	2,518	1.0805	1.0411	.3.7%
8 R	MAJOR JOINT & LIMB REATTACHMENT PROCEDURES	1,100	1,503	403	3,394	4,464	3.0856	2.9701	3.7%
4	SPINAL PROCEDURES	346	336	õ	305	843	2.6082	2.5090	-3.8%
8	FX SPRN, STRN & DISL OF FOREARM, HAND, FOOT AGE >17 W CC	126	18	45	149	85	1.1847	1.1385	.3.9%
8	THYROID PROCEDURES	1,312	1,309	3	1,110	1,063	0.8458	0.8124	3.9%
Ś	OTHER HEPATOBILIARY OR PANCREAS O.R. PROCEDURES	6	\$	4	383	382	3.8284	3.6693	4.2%
£ ;	MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA	205	203	ကု ု	575	223	1.1450	1.0954	4.3%
<b>3</b>	UTEHINE, ADNEXA PHOC FOR NON-OVARIAN/ADNEXAL MALKS W.CC	<b>8</b> 2	122	91	238	8	1.7227	1.6470	% 4.4
2 6	CITEM EAK, NOSE, MOULH & INTOAL ON PROCEDURES	461	3,468	.3,007 .3	28.5	4,186	1.2629	1.2070	4.4%
3	DISCOULTED BY TO MALIGNANCY WOOL	200	807	ş	a c	8	0.8914	0.6510	%C.7
8 6	E. TOA GUMTO TOOD GIH TOOON OOG GOMING	3 8	2 6	7 ,	4/4	100	0.5/26	0.5461	* 4.6%
165	ADDENDED TOWN W COMPLY PACE DESIGNATION OF CALL FEMORAGE >1 VIOLATION OF CALL	132	5,550 07.75	ę	7.60	3,817	1.1/93	1.1241	¥ ,
3 8	DISORDERS OF LIVER FIX MAILS CIER ALC HERA W.C.C.	<b>5</b> 89	979	<b>;</b>	/ oc -	916	0220	1 7940	7 7
8	HAND OR WRIST PROC. EXCEPT MAJOR JOINT PROC. W/O CC	6.595	6.587	3 =	5.376		0.0151	0.7745	, r.
288	O.R. PROCEDURES FOR OBESITY	274	273	-	498	470	  - 	1.7234	5.1%
<b>28</b> 2	ESOPHAGITIS, GASTROENT, & MISC DIGEST DISORDERS AGE >17 W CC	6,374	5,330	1,044	5,453	4,327	0.8555	0.8117	5.1%
112	PERCUTANEOUS CARDIOVASCULAR PROCEDURES	2,022	<u>2</u>	381	5,085	3,904	2.5147	2.3789	-5.4%
4 4 5 6	ALLENGIC REACTIONS AGE 0-17 HEBNIA DROCEDINGS EVEDTINGS IN A SEMODAL AGE 12744 CC	<b>7</b> 2	7.4	0 5	<b>2</b> 2	8 5	0.3183	0.3008	36.00 36.00 36.00
3 =	LARYNGOTBACHETIS	1 084	196	2	415	300	7827	1.034	3.0%
22	SHOULDER, ELBOW OR FOREARM PROC, EXC MAJOR JOINT PROC, W/O CC	2.792	2.119	673	2.451	1,751	0.8780	0.8263	30
5	HYPERTENSION	1,586	1,528	38	1,092	686	0.6882	0.6473	\$6.5°
<u>8</u>	TOTAL CHOLECYSTECTOMY W C.D.E. W/O CC	163	<u>6</u>	8,	249	586	1.5288	1,4377	-6.0%
ន	SINUS & MASTOID PROCEDURES AGE > 17	1,976	2,033	-57	1,731	1,673	0.8759	0.8230	%0.9·
472	EXTENSIVE BURNS W O.R. PROCEDURE	8	<b>%</b> ;	4	538	435	17.8268	16.7421	.6.1% %
<b>8</b>	DEEP VEIN I HKOMBOPHLEBITIS	<u>8</u> 4	192 26 ;	۰.	174	163	0.9064	0.8510	χ. φ
8 :	Third of the process of the part of the pa	4 5	6 6	<del>.</del>	9	3	0.5631	0.5091	\$5.99 90.99
. <b>3</b>	THE BETEMON THOCEDUMES EXCEPT MAJOH JOIN I AGE 517 W/O CC.	528 687	3.68	0/-	2,440	1.182	2.1113	1.9770	% 4 % 4 % 4
2,00	CELLUITS ACT 017	1901	7101	25	7 S	1,007	0.550	0.5250	2 2 2
34	SIGNS & SYMPTOMS OF SCULOSKELETAL SYSTEM & CONNITISSUE	786	918.1	, e	99	- 36	0.3388	0.7671	2 4
충	8	378	580	8 88	967	. 28	2.2927	2.1402	*9°9
33	TESTES PROCEDURES, NON-MALIGNANCY AGE >17	3,040	3,040	0	1,951	1,821	0.6419	0.5991	.6.7%

-- Continued --

EXHIBIT 3-5: COMPARISON OF VERSION 4 AND VERSION 8 VISPOSITIONS, RWPS, AND CASE-MIX INDICES (CMIS) BY DRG (SORTED BY DESCENDING PERCENTAGE CHANGE IN CMI) (Continued)

				DIFFERENCE					"AGE CHANGE
DAG	DESCRIPTION	VERSION 4 DISP.	VERSION 8 DISP.	IN DISPOSITIONS	VERSION 4 RWPs	VERSION 8 RWPs	VERSION 4	VERSION 8	N N
Š	CO CITE BUILDING DIRECTOR D				ļ	;			
3 8	TRANSLIBETHRAL PROSTATECTOMY W/O CO	<b>3</b> 6	- 6	8 0.C	9 ç	60%	0.7520	0.707	97.9
<b>x</b>	SEIZURE A HEADACHE AGE > 12 W/O CC	100.4	4.83	8	3 2	2.00	0.0132	0.7003	و م
8	MAJOR MALE PELVIC PROCEDURES W/O CC	352	373	¥ ⊼.	26	549	1.8573	2298	% % %
33	OTITIS MEDIA & URI AGE > 17 W CC	1,497	1.440	57	1,112	966	0.7427	0.6917	%6.9
ğ	OTHER O.R. PROCEDURES OF THE BLOOD AND BLOOD FOHMING ORGANS	918	883	35	1,419	1,271	1,5459	1.4393	%6.9
<b>3</b>	MAJOR CHEST TRAUMA W/O CC	85	8	۲٠	98	8	0.7200	0.6698	7.0%
5	MAJOR SMALL & LARGE BOWEL PROCEDURES W/O CC	1,138	1,412	274	2,424	2.797	2.1302	1.9808	7.0%
2	CHEST PAIN	7,703	277.7	69	5.284	4,952	0.6860	0.6371	.7.1%
5	PEMIPHEMAL VASCULAH DISORDERS W/O CC	1,581	.898	317	1,230	1,370	0.7781	0.7221	.7.2%
- 2	VEIN LIGATION & STRIPPING	1,131	25.	₹ ;	979	606	0.8657	0.8027	.7.3%
3 8	CLEADS & ADENEAS THOU FOR MAY MALKINANCY WIO CO	10.384	2.0 2.0 2.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	19.	966	6626	0.9626	0.8913	-7.4%
3	FOCAL EXCISION & NEW OVAL OF IN FIX DEVICES OF HIP & PENCH PNEUMOTHORAX WID:	705	5/4	<u> </u>	950	510	0.9601	08880	.7.5%
2	EAR MOSE MOUTH & THROAT MALIGNANCY	487	35	8	27.7	613	7 60.0	3000	407
8	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS W/O CC	2,330	3.026	5 %		200	0.5980	0.6442	7.076
175	G.I. HEMORRHAGE W/O CC	1,931	2,529	865;	1.438	1,735	0.7445	0.6861	2 26
*	SEIZURE & HEADACHE AGE > 17 W CC	1,069	885	87	1,248	1,055	1.1673	1.0744	2 8
158	ANAL AND STOMAL PROCEDURES W/O CC	100,4	4,245	-244	2,614	2,551	0.6533	0.6009	2 6
286	DIABETES AGE 0-36	1,525	1,527	?	1,018	935	0.6679	0.6122	8.3%
5	SIGNS & SYMPTOMS WITH CC	446	416	8	453	387	1.0149	0.9303	-8.3%
<b>₽</b>	HYPHEMA	592	270	÷	79	72	0.2920	0.2675	-8.4%
374	VAGINAL DELIVERY W STERILIZATION AND/OR D&C	3,204	3,291	-87	2,430	2,285	0.7584	0.6943	-8.5%
1	CAPTER LINE & LOE AMPUTATION FOR CIRC SYSTEM DISCRICERS	75	"	2	172	162	2.2947	2.0998	.8.5%
3 5	CELLINITIES AOF 13 MON-ACUTE LEUKEMIA W OTHER O.R. PROCEDURE W/O CC	353	<del>8</del> (	<b>o</b> ;	570	808	1.6142	1.4765	.8.5%
> .	CELLULIIS AGE >1/ W CC	1,445	1,2/1	<b>3</b> 2 8	1,572	1,267	1.0879	0.9925	8.8% %8.8%
2 20	OTHER MICHELY & CHINARY LINGUIS C.H. PROCEDURES OTHER ANTERANTIN DIAGNOSES WIN MEDICAL POLICY	411	754 0	ę	25.0	1,303	3.2721	2.9817	%6.9%
, §	CORES AN ESTANCION DIAGNOSES W/O MEDICAL COMPLETENCY INCOMPLETENCY INCOM	8,236	9 9 9 9	7 .	900	3,598	0.4865	0.4424	9 1.6 % 5.6
3	INFECTIONS FEMALE REPRODUCTIVE SYSTEM	909	1 035		1 240	1011	0.7027	0.6361	82.6
38.	UTERUS & ADENEXA PROC FOR OVARIAN OR ADNEXAL MALIGNANCY	266,	183	, c	430	5 60	0.00	0.364	\$ 25.00 2 2 3 0
\$	SIGNS & SYMPTOMS W/O CC	528	545	.1.	¥ ¥	318	0.5453	5834	2 3 C
157	ANAL AND STOWAL PROCEDURES W CC	999	426	536	282	425	1.1058	0.9986	% 6.
287	TOTAL MASTECTOMY FOR MALIGNANCY W CC	552	422	130	681	470	1.2337	1.1131	%8.6.
8	MAJOR THUMB OR JOINT PROC, OR OTH HAND OR WRIST PROC WITH CC	828	833	1.	851	773	1.0301	0.9282	%6.6-
<b>8</b>	SIMPLE PNEUMONIA & PLEURISY AGE > 17 W CC	3,331	2,944	387	5,364	4,271	1,6104	1.4508	%6.6
g 9	KIDNEY, URETER & MAJOR BLADDER PROC FOR NON-NEOPL W/O CC	716	768	Ş Ş	1,003	296	1.4005	1.2588	-10.1%
3 %	CHACLE I ON TOISONDERS WANT, EARTHED FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDUBES	2/4	5/- 1	60. 82.1	1981	556	3.5903	3.2113	.10.6%
38	TOTAL CHOLECYSTECTOMY W/O C.D.E. W/O CC	4.717	5.607	069	5.405	5 723	1 1458	1 0208	2000
<b>6</b> 0	RADIOTHERAPY	294	465	<del>.</del>	299	534	1.2906	1.1475	%1.1.
280	PARATHYROID PROCEDURES	118	117	-	127	112	1.0763	0.9558	¥21.
329	CESAREAN SECTION WITH C. C.	4.791	4,665	<b>1</b> 28	5,958	5,148	1.2435	1.1036	.11.2%
\$	BROWCHILLS & ASTHMA AGE >1 / W.C.	1,556	1,375	181	1,866	1,461	1.1991	1.0626	.11.4%
10	FEVER OF UNKNOWN ORIGIN AGE > 17 W CC	278	215	ន	82	22	1.1603	1.0276	.11.4%
. š	G.F. NEWCHANAGE W. C.C.	906.	4 5	35.5	2,2/9	1,675	1.1959	1.0573	.11.6%
, K	CELLITIA AGE 43 WOOD	7 20 7	4 700	913	747	/26	1//1.2 Fast o	1.9228	٠.:
50	OTHER RESPIRATORY SYSTEM DIAGNOSES W/O CC	1,645	1,788	-143	1,392	1.336	0.8460	0.7470	8 % = -
<b>528</b>	TOTAL MASTECTOMY FOR MALIGNANCY W/O CC	188	1,016	-132	883	906	1.0098	0.8913	11.7%
35	STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE >17 W/O CC	614	<del>24</del>	ઇ	1,249	1,153	2.0339	1.7908	×6:1:
8	SIMPLE PNEUMONIA & PLEURISY AGE > 17 W/O CC	3,692	3,970	-278	3,445	3,257	0.9331	0.8204	.12.1%
<b>8</b>	NORMAL NEWBORNS	68,097	68,355	-558	9,628	8,497	0.1414	0.1243	-12.1%

COMPARISCA OF VERSION 4 AND VERSION 8 DISPOSITIONS, RWPS, AND CASE-MIX INDICES (CMIS) BY DRG (SORTED BY DESCENDING PERCENTAGE CHANGE IN CMI) (Continued) EXHIBIT 3-5:

				DIFFERENCE					"AGE CHANGE
		VERSION 4	VERSION 8	Z	VERSION 4	VERSION 8	VERSION 4	VERSION 8	Z
ORG G	DESCRIPTKN	DISP	DISP	DISPOSITIONS	RWPs	RWPs	CMI	CMI	CMI
980	COM SCHARLO, IAM MON GOT SOCIO ANDINADA A GUIGATUA	603.0	,	•	9 403	0			:
3 2	BED BLOOD CELL DISORDERS AGE 0.17	2.5.3 7.7.3	92,4	3.	3,407	2,836	0845	1817	% 12.5
2	APPENDECTOMY W COMPLICATED PRINCIPAL DIAG W CC	244	2 5	. 14	8 5	2 2	2.77.6	01300	8 4 5
2	KNEE PROCEDURES W.C.	8	243	: 5	} -	467	2,2001	1.9202	12.7%
64	MAJOR HEAD & NECK PROCEDURES	172	203	89	876	909	3.4251	2.9874	12.8%
<b>5</b>	BENIGN PROSTATIC HYPERTROPHY W/O CC	563	393	130	<u>3</u>	213	0.6223	0.5423	12.8%
8	MALIGNANCY, MALE REPRODUCTIVE SYSTEM, W.C.	413	279	<b>2</b> 5	765	450	1.8515	1.6126	.12.9%
ğ 2	CHINARY STONES W/O CC	3,375	2.917	80°4	1.987	1,493	0.5888	0.5120	130%
4	OTHER DISORDERS OF THE EVE AGE 0.17	430	) doc	01.	32,	80.00	0.8694	0 /34/	
6	BRONCHIES & ASTRUM AGE 117 WOLCE	676 7	965	5 8	2 206	8000	0.0468	0.35.70	% S S S
ğ	OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE > 17 W.CC	200	95.48 E.48	650	5,7	905. 208.	1 2544	1.0810	13.4%
171	OTHER DIGESTIVE SYSTEM O.R. PROCEDURES W/O CC	275	721	35	1068	950	13786	1 1 7 9 1	3.6.41
371	CESAREAN SECTION WIO C. C.	12,884	12,998	11:	12,591	10,843	0.9772	0.8342	14.6%
120	OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	245	86	49	1,035	902	4.2238	3.6045	14.7%
375	VAGINAL DELIVERY WITH O.R. PROC EXCEPT STERIL 6/OR D+C	145	141	4	115	95	0.7897	0.6734	14.7%
<b>8</b>	OTHER DIGESTIVE SYSTEM DIAGNOSES AGE >17 W CC	1,950	1,008	<b>9</b> 2.	2,701	1,190	1.3852	1,1801	.14.8%
241	CONNECTIVE TISSUE DISORDERS W/O CC	35.	846	Š,	743	673	0.9355	0.7953	.15.0%
3	OTHER INJURY POISONING & LORIC EFFECT DIAG WOOCC	886	5,006	18	1,120	656	0.5633	0.4782	15.1%
7	OTHER DISORDERS OF THE EYE AGE > 17 W/O CC	1,621	1,670	<b>9</b>	1,124	186	0.6932	0.5877	.15.2%
7	MEDICAL BACK PHOBLEMS ADDRIVED TO WAS COMPLICATED DOWN DISCUSSION OF THE COMPLICATION	96.50 96.50	9,499	<del>-</del> :	8,065	6,798	0.8491	0.7157	.15.7%
2 4	APPENDED COMY W/O COMPLEATED PHINOIPAL DIAG W.C.	88.8	282	۲:	403	321	1.3034	1.0984	15.7%
2 2	OF TENINE, ACAREMA THOSE TOO NOT CANDAMAN AND AND MAIN WALL WALLED WALL THE	847	6 8		9 5 5 7 7	772	1.2426	0460	15.8%
325	VAGINAL DELIVERY WIG COMPLICATING DIAGNOSES	84 068	64 078	2 9	31 732	36.641	0.4063	04150	, St. 31
215	BACK & NECK PROCEDURES W/O CC	2.874	3.010	36.	4.601	4 00	0.091	1 3301	% - 91
2	RESPIRATORY INFECTIONS & INFLAMMATIONS AGE > 17 W.C.C.	06.1	445	135	702	1.084	2 9281	2.4366	20.0%
185	DENTAL & ORAL DIS EXCEPT EXTRACTIONS & RESTORATIONS, AGE >17	6.4.1	1,33*	8	174	350	1 2237	10113	.17.4%
308	MINOR BLADDER PROCEDURES W/O CC	228	38.	-131	293	188	1.2858	1.0624	17.4%
218	LOWER EXTREM & HUMER PROC EXCEPT HIP, FOOT, FEMUR AGE >17 W CC	349	270	62	758	483	2.1709	1.7876	.17.7%
98 8	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE >17 W/O CC	602	622	ģ	439	373	0.7286	0.5999	.17.7%
77	OTHER RESP SYSTEM O.R. PROCEDURES W/O CC	311	446	.135	638	753	2.0515	1.6891	.17.7%
9 5	POSTOPERATIVE & POST-TRAUMATIC INFECTIONS	873	696	<b>%</b> :	1,076	976	1.2327	1.0100	.18.1%
3	DEDITORIES ANGERS SEE MACOUNTER ANGEN WOULD	523	8/2	65	6/1	166	0.7316	0.5967	.18 4%
2 4	PERIODEAL AUTHORITON WILLOW	6/4 90:		Ģ Š	8 8	655	1.5154	2,0342	.18.6%
8	OTHER DIGESTIVE SYSTEM DIAGNOSES AGE >17 W/O CC	1951	6.152	1.20	3.830	3.872	0.7735	0.6294	18.6%
214	BACK & NECK PROCEDURES W.CC	575	428	147	1,613	976	2.8053	2.2815	.18.7%
28	ACUTE & SUBACUTE ENDOCARDITIS	98	97	.2	330	274	3.4787	2.8201	.18.9%
2	OTHER INJURY, POISONING & TOXIC EFFECT DIAG W.CC	521	503	62	1,003	785	1.9254	1.5605	.19.0%
3	UMETHMAL STRICTURE AGE 517 W/O CC	8 6	8 5	2 S	3 3	S ;	0.6950	0.5609	.19.3%
2	SECOND AGE STY W CC		) (P	56	1.31/	491	0.8896	0.7141	%
§ 5	BELANT TAKE THOSE EXCEPTIONS OF CHOLECTS! WICH WICH WIN	<u> </u>	201	- 463	[2.5 [2.6	175	2.1501	1.7125	20. 5. 5. 5. 5. 5.
15	HID A FEM. PROCEDURES EXCEDT MAIOR JOINT AGE 117 W CC	3	000	365	3065	071	1099	2003	8 707
9	MYRINGOTOMY WITH TUBE INSERTION AGE >17	ş <u>ş</u>	215	69	195	8 %	1 3327	1 0520	21.6%
8	DISORDERS OF LIVER EXC MALKS, CIRR, ALC HEPA W/O CC	1,118	1,131	5	8 8	724	0.8118	0.6403	21.1%
R	NONTRAUMATIC STUPOR & COMA	146	147	<del>-</del>	180	143	1 2326	60260	**
8	EPISTAXIS	237	236	1	131	201	0.5507	0.4333	.21.3%
4	OTHER O.R. PROCEDURES FOR INJURIES W/O CC	1,323	1,060	263	2,125	1,340	1.6064	1.2637	.21.3%
30	PROSTATECTOMY W/O CC	215	328	·113	234	281	1.0882	0.8557	.21.4%
5 5	OTHER RESPIRATORY SYSTEM DIAGNOSES W CC	1,018	925	462	1,713	<b>2</b> 5	1.6822	1,3195	.51.6%
₹	CHHONIC OBSTRUCTIVE PULMONARY DISEASE	3,955	3,999	\$	5,819	4,611	1.4712	1.1529	.51.6%

-- Continued --

EXHIBIT 3-5: COMPARISON OF VERSION 4 AND VERSION 8 DISPOSITIONS, RWPS, AND CASE-MIX INDICES (CMIS) BY DRG (SORTED BY DESCENDING PERCENTAGE CHANGE IN CMI) (Continued)

				DIFFERENCE					%AJE CHANGE
		VERSION 4	VERSION 8	Z	VERSION 4	VERSION 8	VERSION 4	VERSION 8	Z
SE SE	DESCRIPTION	DISP	DISP	DISPOSITIONS	RWPs	RWPs	NO.	CMI	OM.
117	CABDIAC PACEMAKER REVISION EXCEPT DEVICE REPLACEMENT	8		77	167	ž	1 7410	1 2640	ě
8	MAXOR SHOULDEBYEL BOW PROC OR OTHER LIPPER EXTREMITY PROC WITH CO.	1645	ğ	<b>1</b>	111.0	2	1 2031	00073	8 9 5 5
297	NUTRITIONAL & MISC METABOLIC DISORDERS AGE > 17 W/O CC	2 198	2,575	379	1.774	1601	0.8078	0.6216	30.60
<b>1</b>	HAND PROCEDURES FOR INJURIES	28	283	on:	8g	308	1.3522	1040	23.1%
4.0	FEVER OF UNKNOWN ORGIN AGE > 17 W/O CC	226	248	22	228	192	1.0099	0.7744	23 3%
317	ADMIT FOR RENAL DIALYSIS	1,043	1,042	-	612	468	0.5863	0.4494	.23.3%
23	OTHER EAR, NOSE, MOUTH & THROAT DIAGNOSES AGE >17	1,465	1,479	41.	1,186	<b>5</b> 6	0.8097	0.6114	.24.5%
92	OTHER RESP SYSTEM O.R. PROCEDURES W.CC	116	<b>3</b> 5	-273	1,176	1,660	3.7818	2.8426	24 8%
88	ADRENAL & PITUITARY PROCEDURES	118	1,8	0	353	592	2.9897	2.2467	24.9%
8	RESPIRATORY INFECTIONS & INFLAMMATIONS AGE > 17 W/O CC	244	282	ė.	392	358	1.6050	1.2043	-25.0%
£ ;	COMCUSSION AGE 117 W CC	188	137	5.	181	88	0.9625	0.7147	-25.7%
3	BENGN PROSTATIO HYPERITHOPHY WICK	227	86 ;	128	08 ; 08 ;	8	0.7944	0.5868	¥.
47	RECTAL RESECTION W/C UC	176	113	8	436	202	2.4778	1.8128	26.8%
8	NOTATIONAL & MISC METABOLIC DISORDERIS AGE 0.17	1,8/1	808.	63	1,261	683	0.6739	0.4908	-27.2%
3 5	MINOR WALL & LANGE BOWEL PROCEDURES W CC	1,059	ន	<b>1</b> 00, 4	3,202	<u>\$</u>	3.0236	2.1855	27.7%
ý q	NICKET B CRIMARY TRACE OFFICE STATES AND AGE OFFICE TO STATES AND AGE OF TAXABLE TO VALUE TO		<u></u>	8 8	75.	43	0.5686	0.4107	-27.8%
2	VACINAL DELIVERY WICHARD L'ATING DIAGNOS	+ 10 y	900		6436	0 7	0.7463	0.5357	2.00.00 2.00.00
691	MOUTH PROCEDURES WO CC	4 062	900	2.756	4 235	. Se	1.0427	0.6373	20.4%
8	HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR NON-MALIGNANCY	174	991	8	637	424	3,6600	2.5540	8, 8
237	SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS & THIGH	146	143	· (m	141	8	0.9677	0.6735	30.4%
8	LYMPHOMA & LEUKEMIA W MAJOR O.R. PROCEDURE	583	<b>.</b>	۳.	1,308	823	4.5271	3.1489	30.4%
45	TRAUMATIC INJURY AGE >17 W/O CC	1.346	815.	7/1-	1218	955	67060	0,6293	30.5%
8	PULMONARY EDEMA & RESPIRATORY FAILURE	157	Ē	-74	*	989	3.4656	2.4077	30.5%
908	PROSTATECTOMY W CC	267	901	159	620	174	2 3227	1,6121	30.6%
18	CRANIAL & PERIPHERAL NERVE DISORDE'S W CC	414	172	143	624	277	1.5075	1.0213	32.3%
243	CIRCUNCISION AGE 0-17	2,479	1,911	896	1,781	006	0.7184	0.4710	34.4%
8	OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC 41/O CC	6/	8	7	991	11	2.1075	1.3416	.36.3%
8	SPLENECTOMY AGE >17	176	140	98	574	283	3.2634	2.0249	.37.9%
345	OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC EXCEPT FOR MALIGNANCY	96	193	ဗ	189	114	0.9642	0.5913	-38.7%
<u>S</u>	MINOR SMALL & LARGE BOWEL PROCEDURE W/O CC	3,092	593	2,823	5,916	313	1.9133	1.1638	38.2%
<u>8</u>	MOUTH PROCEDURES W CC	645	135	510	1,440	153	2.2325	1.1346	49.2%
<u>R</u> 9	CARDIAC ARREST, UNEXPLAINED	14 :	145	7 ;	727	88	5.1585	2.5359	%0.8% 
3/8	MA 100 CUTST TRAINED IN CO.	95		66	600,	38	6.4666	3.1094	51.9%
3 ~	DESCRIPTION OF A CONTRACT OF A	20.	<b>3</b> .	₽ ;	) (S	211	3.00/0	1.3332	25.7%
711	HISTORY OF MALKONANCY WAS FRUDOSCOPY	<u> </u>	<u> </u>	* *	145	33	1.87.74	3.302d	70.6%
8	NO LONGER VALID	249	9 0	249	1 352	3 0	5.4304	665.5	
386	NO LONGER VALID	1,801	0	1,801	2,067	0	1.1478	ì	;
980	NO LONGER VALID	727	0	727	3,321	٥	4.5681		:
8	NO LONGER VALID	1,568	0	1,568	3,140	0	2.0025	;	:
8	NO LONGER VALID	2,285	0	2,285	2,020	0	0.8839	į	:
	NO LONGER VALID	7,514	0 0	7,514	4,048	0 0	0.5387	į	:
3	AO LONGED VALID	12,428		3,66	260,2		0.2529		
3 5	MOLOWGEN VALID	66.7	<b>o</b> c	66°	80/.	<b>-</b>	1.0189	i	:
8	NO LONGER VALID	o c	o c	<b>o</b> c	o c	<b>.</b>	: ;		<u> </u>
474	NOLONGERIVALID	· c	· c	c		0 0			
475	RESPIRATORY SYSTEM DIAGNOSIS WITH VENTILATOR SUPPORT	0	380	.380	יי	1,64	;	4.3186	;
9/1	PROSTATIC O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS	0	4	\$	0	121	:	2.7415	
477	NON-EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS	0	2,415	2,415	0	4,402	:	1.8226	:
478	OTHER VASCULAR PROCEDURES W CC	0	298	96 96 96	0	2,142	:	3.5811	:
479	OTHER VASCULAR PROCEDURES W. U.C.C.	0	255	-555	0	1,026	:	1.8486	:

EXHIBIT 3-5: COMPARISON OF VERSION 4 AND VERSION 8 DISPOSITIONS, RWPS, AND CASE-MIX INDICES (CMIS) BY DRG (SORTED BY DESCENDING PERCENTAGE CHANGE IN CMI) (Concluded)

				DIFFERENCE					"AGE CHANGE
DAG	DESCRIPTION	VERSION 4 DISP	VERSION 8 DISP.	IN DISPOSITIONS	VERSION 4	VERSION 8 RWPs	VERSION 4	VERSION 8	CMI N
480	TAM GRAND BENT	c	7	ι.	c	144		20,603.0	
481	BONE MARROW TRANSPLANT	0	. 44	- 84	0	23	1	14.9951	<del></del>
485	TRACHEOSTOMY W MOUTH, LARNYX OR PHARNYX DISORDER	0	588	.588	. 0	1,120	;	3.8894	
483	TRACHEOSTOMY EXCEPT FOR MOUTH, LARNYX OR PHARNYX DISORDER	0	929	.556	0	7,963	į	14.3211	
484 48	CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA	0	54	-24	0	225		9.3572	
485	LIMB REATTACHMENT, HIP AND FEMUR PROC FOR MULTIPLE SIGNIFICANT	0	101	101-	0	299	:	5.6121	
486	OTHER O.R. PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA	0	346	.346	0	2,466	į	7.1280	
487	OTHER MULTIPLE SIGNIFICANT TRAUMA	0	279	.279	0	1,085	:	3.8883	
488	HIV W EXTENSIVE O.R. PROCEDURE	0	S	ક	0	252		5.0425	
489	HIV W MAJOR HELATED CONDITION	0	635	<b>635</b>	0	2,983	!	4.6975	
96	HIV W OR W/O OTHER RELATED CONDITION	0 (	1.454	1,454	0 1	4,119	l	2.8329	:
3	NECNATE, DIED WIN ONE DAY OF BIRTH	5 (	877	877.	<b>5</b> (	1/5	;	0.7679	
<b>3</b> 8	NEONATE, IMANOFERHED AS DAYS OLD NEONATE RIGHTHMT A 7500 DISCHARGED ALIVE	<b>o</b> c	čľ.,	31.15 69.	0 0	382		0.3424	:
8	NEONATE, BIRTHWT < 750G, DIED	0	24	24	0	242		10.0864	
ĝ	NEONATE, BIRTHWT 750-999G, DISCHARGED ALIVE	0	73	. <sub>6</sub> ,	0	791	:	10.8394	-
605	NEONATE, BIRTHWT 750 999G, DIED	0	4	-14	0	106	į	7.5702	:
909	NEONATE, BIRTHWT 1000-1499G, W SIGNIF OR PROC, DISCHARGED ALIVE	0	21	-51	0	305	į	14.3895	::
69	NEONATE, BIRTHWT 1000-1499G, W/O SIGNIF OR PROC, DISCHARGED ALI	0	568	-268	0	1,662		6.2009	
80	NEONATE, BIRTHWT 1000-1499G, DIED	0	13	13	0	145	. ;	11.1619	
8	NEONATE, BIRTHWT 1500-1999G, W SIGNIF OR PROC, W MULT MAJOR PRO	0	8	8	0	126	:	6.9807	:
610	NEONATE, BIRTHWT 1500-1989G, W SIGNIF OR PROC, W/O MULT MAJOR P	0	,	ئم	0	4	:	8.7105	:
611	NEONATE, BIRTHWIT 1500-1999G, W/O SIGNIF OR PROC, WILLIAM AND P	0 (	86.	8, <u>.</u>	0 (	505	į	5.1569	;
210	NEONATE DISTURT 1500-1998G, WO SIGNIF ON PROC. W MAJOR PHOS	0	200	-162	5	630		3.9167	
2 4	NEGWATE, DEFINATIONS 1900-1988G, W/O SIGNIF ON TACK W MINCH PROB	<b>.</b>	<u>.</u> §	121.		8	i	6222.7	1
	NEONATE BIRTHWI SWADOWC, W/O SIGNIF OF FROM WITH THA DO PROP	9 6	360	02c.	. c	8.4 90+	į	7 7 7 7	:
616	NEONATE RIGHTHWT 2000-2499G,W SIGNIF OR PROC. W/O MULT MAJOR PRO	o c	1 4	7 7	o c	841		10 6009	1
617	NEONATE, BIRTHWT 2000-2499G W/O SIGNIF OR PROC. W MULT MAJOR PR	0	98	<b>8</b>	0	329	;	3.8223	1
618	NEONATE, BIRTHWT 2000-2499G, W/O SIGNIF OR PROC, W MAJOR PROB	0	181	181	0	421		2.3272	
619	NEONATE, BIRTHWT 2000-2499G, W/O SIGNIF OR PROC, W MINOR PROB	0	177	171-	0	253	;	1.4296	:
620	NO LONGER VALID	0	0	0	0	0		i	1
3	NEONATE, BIRTHWT 2000-2499G, W/O SIGNIF OR PROC, W OTHER PROB	0	98:	1.186	0	621	:	0.5237	:
622	NEONATE, BIRTHWT > 2499G, W SIGNIF OR PROC, W MULT MAJOR PROB	0	<u>6</u>	<u>6</u>	٥	1,136		10.4205	
83	NEONATE, BIRTHWT >2499G, W SIGNIF OR PROC, W/O MULT PROB	0	% %	25.	0 1	883	į	3.5006	:
42.5	NECNATIE, BIRTHWI > 2488G, W MINCH ABLICA PROCEDURE	0 0	ર લ	ė,	0 (	æ °	į	0.8835	:
0 0	NO LONGER VALID NEONATE RIBTUMT - 24500 W/O BIONIE OB DROC WILL TWA IOD DROG	<b>-</b>	92.5	97.5	<b>o</b> c	0 240			:
627	NEONATE, BIRTHINT >2499G, W/O SIGNIF OR PROC. W MAJOR PROB		2.870	-2.870		3.293		1 1473	-
828	NEONATE, BIRTHWT >2499G, W/O SIGNIF OR PROC, W MINOR PROB	0	3,515	3,515	0	2,204		0.6270	
629	NO LONGER VALID	0	0	0	0	0	:	;	
930	NEONATE, BIRTHWT >2499G, W/O SIGNIF OR PROC, W OTHER PROB	0	16,654	-16,654	0	3,226	į	0.1937	:
ន្ទ	BPD AND OTH CHRONIC RESPIRATORY DISEASES ARISING IN PERINATAL P	0	47	47	0	373	;	7.9429	:
3	CIHEM MESPIRALOHY PHOBLEMS AFIEH BIRTH	О	8	95	0	4		0.7899	
633	MULTIPLE, OTHER AND UNSPECIFIED CONGENITAL ANOMALIES, W.C.	0 (	17	-17	0 (	9 ;		0.3587	ì
g v	MOLITICE, OTHER AND CNOFECIFIED CONGENITAL ANOMALIES, W/O CONECTIVITY AND AFTERDADE FOR WEIGHT DAIN	0 0		ن ف	<b>-</b> c	နှစ်	;	3.2.2.4	
3 8	NEONATAL DIAGNOSIS AGE CODAVO		, 196	, 190	<b>.</b>	9000		9790	:
8 8	ALCORUGARISE OR DEPEND DETOX OR OTH SYMPT TREAT AGE 7.20 W/O	o c	38.5		<b>.</b>	6.00	: :	2.7646	: :
8	ALC/DRUG ABUSE OR DEPEND, DE TOX OR OTH SYMPT TREAT AGE > 21 W/O	0	9,519	9,519	0	16,155		1.6971	
	TOTALS UNWEIGHTED AVERAGES	866,875	866,599	276	743,829	784,431	0.8581	0.9052	105.5%

higher for these DRG. Additionally, DRGs 370-375, which include nearly all records pregnancies, had relatively arge declines in case weights and CMIs. Therefore, the type of services that a facility provides will influence that facility's change in CMI. For example, a facility that does not offer obstetrics and gynecological services and concentrates on mental diseases and disorders and substance abuse may have a significant increase in CMI given the above results.

## 3.2 COMPARISON OF VERSION 4 AND VERSION 8 DRG GROUPER FACILITY CMIS

Exhibit 3-6 displays CMIs by Service branch and model peer group and compares the results of using the Version 4 DRG Grouper versus the Version 8 DRG Grouper and associated updates. Since the type of care provided at a medical center may be substantially different from that provided at a CONUS or overseas hospital, there may exist a distinct difference in the impact of updating the DRG grouper on computed casemix complexity. As see in the exhibit, the overall increase in DoD computed case-complexity was 5.5%. The CMI for Air Force CONUS community hospitals, however, increased by only 0.4% while the CMI for Navy CONUS nospitals increased by 10.7%. Additionally, the Navy overall CMI increased by 9.4% while the Army and Air Force CMIs increased by 5% and 3.6% respectively.

The observed differences in the impact on computed CMIs may be partially attributed to differences, by Service branch and facility type, in the type of care provided. Exhibit 3-7 shows Version 4 and Version 8 DRG Grouper CMIs by major diagnostic category (MDC) for all MTFs combined. Note the extreme variation in changes in CMIs across MDCs. The average case complexity for a disposition within MDC 19-Mental Diseases and Disorders, increased by 91.2% while the CMI within MDC 21-Injury. Poisoning, and Toxic Effects of Drugs, decreased by 12.4%.

EXHIBIT 3-6: FY90 VERSION 4 AND VERSION 8 DRG GROUPER CMIs BY MODEL PEER GROUP

	FY90	FY90	PERCENTAGE CHANGE
	VERSION 4	<b>VERSION 8</b>	FY90 VERSION 4 TO
SERVICE BRANCH/MODEL PEER GROUP	CMI	CMi	FY90 VERSION 8 CMI
ARMY*			
CONUS Community Hospitals	0.7184	0.7380	2.7%
Medical Centers	1.1659	1.2382	6.2%
Overseas Hospitals	0.7719	0.8277	7.2%
All Army Facilities	0.8800	0.9237	5.0%
NAVY			
CONUS Community Hospitals	0.7370	0.8160	10.7%
Medical Centers	0.9372	1.0156	8.4%
Overseas Hospitals	0.6874	0.7488	8.9%
All Navy Facilities	0.8158	0.8921	9.4%
usaf*			
CONUS Community Hospitals	0.6691	0.6715	0.4%
Medical Centers	1.1839	1,2587	6.3%
Overseas Hospitals	€ 7072	0.7357	4.0%
All USAF Facilities	0.8567	0.8876	3.6%
DoD			
CONUS Community Hospitals	0.7052	0.7307	3.6%
Medical Centers	1.1104	1.1851	6.7%
Overseas Hospitals	0.7383	0.7891	6.9%
All Facilities	0.8581	0.9052	5.5%

<sup>\*</sup> Workload for Brooke AMC is included within the Air Force Medical Center peer group for all fiscal years.

EXHIBIT 3-7: VERSION 4 AND VERSION 8 DRG GROUPER DoD OVERALL CMIS BY MDC

	MAJOR DIAGNOSTIC CATEGORY	VERSION 4 DISP	VERSION 4 RWPs	VERSION 8 DISP	VERSION 8 RWPs	VERSION 4 CMI	VERSION 8 CMI	%AGE CHANGE VERSION 4 TO VERSION 8 CMI
	A Comment	4	047.04	60.00	400,00	4	0.00	
	Mary Course Cycles in	010'83	8) <del>4</del> .8	29,105	3	SCC 7'	1.3/30	2%
	Eye Disorders	16, 181	11,373	16, 162	12,052	0.7029	0.7457	6.1%
	Ear/Nose/Mouth/Throat	48,555	20,941	69,647	46,276	0.5548	0.6644	19.8%
	Respiratory System	41,003	50,485	40,710	49,542	1,2313	1.2169	-1.2%
	Carculatory System	49,854	66,362	50,072	606,79	1.3311	1,3562	%6.1
	Digestive System	107,410	99,128	85,643	72,984	0.9229	0.8522	-7.7%
	Hepatobiliary System	14,377	21,025	14,299	19,617	1.4624	1.3719	-6.2%
	Musculoskeletal System	85,876	94,026	85,792	95,658	1.0949	1.1150	1.8%
_	Skin/Subcutaneous Tissue	41,959	36,492	41,928	37,225	0.8697	0.8878	2.1%
	Endocrine/Nutritional	13,859	13,075	13,757	11,825	0.9434	0.8596	-8.9%
	Kidnay Alanay Tract	21,666	22,273	21,653	21,266	1,0280	0.9621	4.5%
	Male Reproductive System	19,156	14,189	18,572	13,304	0.7407	0.7164	3.3%
	Female Reproductive System	42,570	33,910	42,543	33,455	0.7966	0,7864	-1.3%
	Pregnancy/Chirdbirth	135,381	78,880	135,7	69,492	0.5827	0.5139	-11.8%
	Neonatal/Permetal Period	94,480	27,119	97,063	33,026	0.2872	0,3403	18.5%
	Blood/Immunity	8,382	10,952	6,811	8,256	1,3066	1.2122	-7.2%
_	Myeloproliferative/Neoplasms	8,481	13,900	8,449	16,315	1.639	1.9310	17.8%
60	Infectious/Parasitic	16,434	14,032	15,828	14,271	0.8539	0.9016	2.6%
<u></u>	Mental Disease/Disorder	20,734	25,646	20,681	48,913	1.2369	2.3651	91.2%
ଷ	Substance Use/Organic Mental	16,008	17,047	16,008	29,739	1.0649	1.8577	74.4%
4	Injury, Poison, Toxic Effects	15,178	16,039	14,141	13,090	1,0568	0.9256	-12.4%
8		1,238	2,605	1,236	2,656	2 1038	2.1489	2.7%
R	Other Factors/Contacts	18,637	11,853	18,302	15,729	0.6360	0.8594	35.1%
Z,	Multiple Organificant Trauma	٥	0	754	4,385		5.8155	
*	HIV infections	0		2,139	7,354	1	3,4381	
	(							

Additionally, care within MDC 14-Pregnancy, Childbirth and the Puerperium destined in computed average case complexity by 11.8%. Given these results, any facility or model peer group that does not provide care that is distributed similar to the DoD overall "average" may have a change in CMI substantially different from the DoD average.

An excellent example of differences in the type of care provided impacting changes in CMI exists when comparing Navy CONUS hospital and Air Force CONUS hospital workload. Appendix A cont ins exhibits similar to exhibit 3-7 for all model peer groups. Exhibits A-4 and A-7 present Navy and Air Force CONUS hospital data respectively. The Navy hospitals had a predominantly higher proportion of total workload within MDCs 19 and 20 relative to the Air Force. More than 20% of all workload in terms of Version 8 RWPs at Navy CONUS hospitals was within MDC 19-Mental Diseases and Disorders and MDC 20-Substance Use and Substance Induced Mental Disorders while only fair Force CONUS hospital workload was within these MDCs. Additionally, the CMIs within MDCs 19 and 20 increased substantially more within the Navy than the Air Force when comparing the two groupers. Therefore, all other factors being essentially equal, the Navy CONUS hospital overall CMI increased more than the Air Force CONUS hospital CMI.

Exhibit 3-8 presents a histogram of the percentage change in facility CMIs when comparing the Version 4 DRG Grouper and Version 8 DRG grouper and associated weights and trim points. Of the 164 MTFs reviewed, 145 had less than a 10% change in CMI. NH Lemoore (DMIS ID 28) had a 10.3% decline in CMI, USAF Hospital Hellenikon (DMIS ID 631) had a 28.8% increase in CMI, and 9 MTFs had between a 15% and 25% increase in CMI. Therefore, relatively few facilities had a change in CMI substantially different from the 5.5% overall increase. Exhibits 3-9 through 3-11 present FY90 Version 4 and Version 8 CMIs for Army, Navy, and Air

EXHIBIT 3-8: HISTOGRAM OF PERCENTAGE CHANGE BETWEEN FY90 VERSION 4 AND FY90 VERSION 8 FACILITY CMI

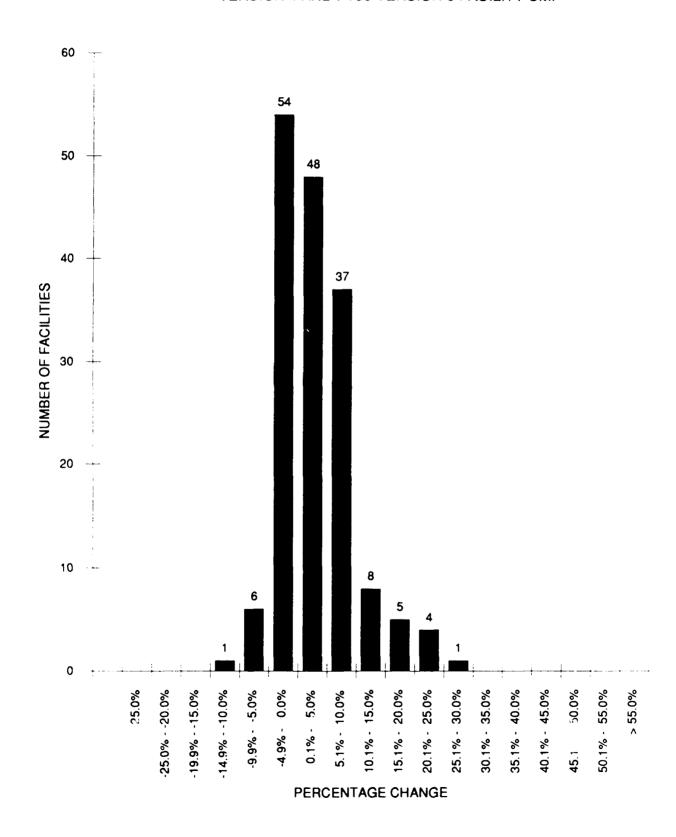


EXHIBIT 3-9: FY90 ARMY FACILITY VERSION 4 AND VERSION 8 GROUPER GROUPER CMIs (BY PEER GROUP SORTED ON DMIS ID)

		F)/00	5)/00	** 105 0UANOS
		FY90	FY90	%AGE CHANGE
DMEID	EACHED	VERSION 4	VERSION 8	FY90 VERSION 4 TO
DMIS ID	FACILITY	CMI	CMI	FY90 VERSION 8 CMI
1	FOX AH-REDSTONE ARSENAL	0.7656	0.7612	-0.6%
2	NOBLE AH-FT MCCLELLAN	0.7207	0.6914	-4.1%
3	LYSTER AH-FT RUCKER	0.6838	0.6565	-4.0%
5	BASSETT ACH-FT WAINWRIGHT	0.6131	0.6089	-0.7%
8	BLISS AH-FT HUACHUCA	0.7201	0.7229	0.4%
23	HAYS AH-FT ORD	0.6704	0.6801	1.5%
32	EVANS AH-FT CARSON	0.6677	0.6547	-2.0%
48	MARTIN AH-FT BENNING	0.8417		
49	WINN AH-FT STEWART	and the state of t	¢.8835 v.6591	5.0%
	IRWIN AH-FT RILEY	0. <b>6436</b> 0.6797	0.6391	2.4%
57 59			****	5.1%
58	MUNSON AH-FT LEAVENWORTH	0.8275	0.8359	1.0%
60	BLANCHFIELD ACH-FT CAMPBELL	0.8310	0.8771	5.5%
61	IRELAND AH-FT KNOX	0.7191	0.7355	2.3%
64	BAYNE-JONES AH-FT POLK	0.6239	0.6412	2.8%
69	KIMBROUGH AH-FT MEADE	0.8512	0.8430	-1.0%
70	CUTLER AH-FT DEVENS	0.7036	0.7271	3.3%
75	WOOD AH-FT LEONARD WOOD	0.7347	0.7523	2.4%
81	PATTERSON AH-FT MONMOUTH	0.7467	0.7676	2.8%
82	WALSON AH-FT DIX	0.7880	0.8493	7.8%
86	KELLER AH-WEST POINT	0.6972	0.7190	3.1%
89	WOMACK AH-FT BRAGG	0.7360	0.7737	5.1%
98	REYNOLDS AH-FT SILL	0.7439	0.7403	-0.5%
105	MONCRIEF AH-FT JACKSON	0.8367	0.9476	13.2%
110	DARNALL AH-FT HOOD	0.6401	0.6553	2.4%
121	MCDONALD AH-FT EUSTIS	0.7129	0.7290	2.3%
122	KENNER AH-FT LEE	0.7320	0.7714	5.4%
			7.11.5.7	
123	DEWITT AH-FT BELVOIR	0.6517	0.6350	-2.6%
131	WEED ACH-FT IRWIN	0.5416	0.5236	-3.3%
294	HAWLEY AH-FT B. HARRISON	0.6767	0.6637	-1.9%
330	WILCOX AH/C FT DRUM	0.4000		
	Total Army CONUS Community Hospitals	0.7184	0.7380	2.7%
			. دخشت .	m min
22	LETTERMAN AMC-PRESIDIO OF SF	1.4636	1.5751	7.5%
31	FITZSIMONS AMC-DENVER	1.3723	1.4238	3.7%
37	WALTER REED AMC-WASHINGTON	1.4693	1.6026	9.1%
; <b>*</b>	EISENHOWER AMC-FT GORDON	1.1247	1.1997	6.7%
-	TRIPLER AMC-FT SHAFTER	0.9543	1.0265	7.6%
108	WILLIAM BEAUMONT AMC-FT BLISS	0.9870	1,0571	7.1%
125	MADIGAN AMC-FT LEWIS	0.9184	0,9198	0.2%
	Total Army Medical Centers	1.1659	1.2382	6.2%
601	34th GENERAL HOSP-AUGSBURG	0.7419	0.7765	4.7%
602	<b>5th GENERAL HOSP-BAD CANNSTATT</b>	0.7857	0.9425	20.0%
603	AH BERLIN	0.7089	0.7308	3.1%
604	2nd FIELD HOSP-BREMERHAVEN	0.6343	<b>↑624</b> 6	-1.5%
605	97th GENERAL HOSP-FRANKFURT	0.7775	. 8604	10.7%
606	130th STATN HOSP-HEIDELBERG	0.6740	0.6906	2.5%
			2.772	
607	2nd GENERAL HOSP-LANDSTUHL	0.9079	0.9533	5.0%
608	98th GENERAL HOSP-NURNBERG	0.7933	0.8569	8.0%
609	67th EVACU: FION HOSP-WURZBURG	0.5819	0.5966	2.5%
611	45th FIELD HUSP-VICENZA	0.6208	0.6496	4.6%
612	121st EVACUATION HOSP-SEOUL	0.7822	0.8600	9.9%
613	GORGAS ACH	0.8504	0.8876	4.4%
614	196TH STATION HOSP-SHAPE	0.6673	0.6708	0.5%
	Total Army Overseas Hospitals	0.7719	0.8277	7.2%
				_
	Total All Army Facilities	0.8800	0.9237	5.0%

EXHIBIT 3-10: FY90 NAVY FACILITY VERSION 4 AND VERSION 8 GROUPER CMIS (BY PEER GROUP SORTED ON DMIS ID)

ٽ، <b>ڪاM</b> ا	FACILITY	FY90 VERSION 4 CMI	FY90 VERSION 8 CMI	%AGE CHANGE FY90 VERSION 4 TO FY90 VERSION 8 CMI
	PPM 1 4 1 4 3 4 10 2 1 4 10 4 17	A PPAA		A 444
7	BRH NAVSTA ADAK	0.5568	0.5592	0.4%
24	NH CAMP PENDLETON	0.7342	0.7751	5.6%
25	NH LONG BEACH	0.9548	1.1258	17.9%
28	NH LEMOORE	0.6019	0.5401	-10.3%
30	BRH MGAGCC TWENTY NINE PALMS	0.5317	0.5077	-4.5%
35	NH GROTON	0.7736	0.8132	5.1%
36	NH PENSACOLA	0.8299	0.8516	2.6%
39	NH JACKSONVILLE	0.7202	0.8164	13.4%
40	NH ORLANDO	0.7322	0.8997	22.9%
56	NH GREAT LAKES	0.9236	1.1117	20.4%
68	NH PATUXENT RIVER	0.5015	0.4669	-6.9%
91	NH CAMP LEJEUNE	0.7323	0.8058	10.0%
92	NH CHERRY POINT	0.5124	0.4852	-5.3%
99	NH PHILADELPHIA	0.7246	0.8381	15.7%
100	NH NEWPORT	0.7972	0.9675	21.4%
103	NH CHARLESTON	0.7442	0.8119	9.1%
104	NH BEAUFORT	0.7440	0.7941	6.7%
107	NH MILLINGTON	0.6378	0.7887	23.7%
118	NH CORPUS CHRISTI	0.8378	0.9267	10.6%
126	NH BREMERTON	0.7192	0.7952	10.6%
127	NH OAK HARBOR	C 12	0.5194	-1.8%
	Total Navy CONUS Community Hospitals	0.7370	0.8160	10.7%
27	NH OAKLAND	0.9064	0.9323	2.9%
29	NH SAN DIEGO	0.9360	1.0273	9.7%
67	NH BETHESDA	1.1197	1.2082	7.9%
124	NH PORTSMOUTH	0.8457	0.9273	9.6%
	Total Navy Medical Centers	0.9372	1.0156	8.4%
615	NH GUANTANAMO BAY	0.6134	0.6486	5.7%
616	NH ROOSEVELT ROADS-CEIBA	0.7051	0.7895	12.0%
617	NH NAPLES	0.6043	0.6264	3.7%
618	NH ROTA	0 9227	1.0689	15.8%
619	NH SUBIC BAY	с 67 <b>79</b>	0.7417	9.4%
620	NH GUAM-AGANA	0.6816	0.7191	5.5%
621	NH OKINAWA	0.6653	0.7193	8.1%
622	NH YOKOSUKA	0.7092	0.7902	11.4%
623	NH KEFLAVIK	0.5577	0.5964	6.9%
624	BRH USNAF, SIGONELLA	0.5175	0.5396	4.3%
	Total Navy Overseas Hospitals	0.6874	0.7488	8.9%
	Total All Navy Facilities	0.8158	0.8921	9.4%

EXHIBIT 3-11: FY90 USAF FACILITY VERSION 4 AND VERSION 8 GROUPER CMIS (BY PEER GROUP SORTED ON DMIS ID)

DMIS ID	FACILITY	FY90 VERSION 4 CMI	FY90 VERSION 8 CMI	%AGE CHANGE FY90 VERSION 4 TO FY90 VERSION 8 CM
DMIS ID	PACILITY	CIMI	CMI	PT90 VEHSION 6 CM
4	AIR UNIVERSITY RGN HOSP-MAXWELL	0.7628	0.7598	-0.4%
6	USAF HOSP EUMENDORF	0.6943	0.7267	4.7%
9	832nd MED GRP-LUKE	0.6714	0.6645	1.0%
10	836th MED GRP-DAVIS MONTHAN	0.6633	0.6446	-2.8%
11	USAF HOSP WILLIAMS	0.5617	0.5429	-3.3%
12	97th STRAT HOSP-EAKER	0.5809	0.5714	-1.6%
13	USAF HOSP LITTLE ROCK	0.6571	0.6434	-2.1%
15	9th STRAT HOSP-BEALE	0.5681	0.5570	-2.0%
16	USAF HOSP MATHER	0.7317	0.6839	-6.5%
17	93rd STRAT HOSP-CASTLE	0.5361	0.5247	-2.1%
18	1st STRAT HOSP-VANDENBERG	0.6442	0.6518	1.2%
19	USAF HOSP EDWARDS	0.5934	0.5581	-5.9%
20	831st MED GRP-GEORGE	0.5817	0.5969	2.6%
21	22nd STRAT HOSP-MARCH	0.7503	0.8006	6.7%
33	USAF ACADEMY HOSP	0.6892	0.6884	-0.1%
36	USAF HOSP DOVER	0.6126	0.6029	-1.6%
42	USAF RGN HOSP EGLIN	0.7518	0.8022	6.7%
43	325th MED GRP-TYNDALL	0.6801	0.6619	-2.7%
44	31st MED GRP-HOMESTEAD	0.6872	0.6633	-3.5%
45	56th MED GRP-MACDILL	0.6780	0.6679	-1.5%
46	USAF HOSP PATRICK	0.7999	0,7815	~2.3%
50	347th MED GRP-MOODY	0.7271	0.7408	1.9%
51	USAF HOSP ROBINS	0.6578	0.6352	-3.4%
54	USAF HOSP CHANUTE	0.7859	0.7926	0.8%
<b>₽</b> 1	384th STRAT HOSP MCCONNELL	0.7167	0.7314	2.0%
62	2nd STRAT HOSP-BARKSDALE	0.6816	0.6628	-2.8%
63	23rd MED GRP-ENGLAND	0.7341	0.7161	-2.5%
65	42nd STRAT HOSP-LORING	0.5586	0.5674	1.6%
71	379th STRAT HOSP-WURTSMITH	0.6231	0.6026	-3.3%
72	410th STRAT HOSP-K.I.SAWYER	0.5537	0.5367	-3.1%
74	USAF HOSP COLUMBUS	0.7318	0.7178	-1.9%
76	351st STRAT HOSP-WHITEMAN	0.5163	0.5099	-1.2%
77	341st STRAT HOSP-MALMSTROM	****		**
78	EHRLING BERQUIST RGN HOSP-OFFUTT	0.6514	0.6513	0.0%
79	554th MED GRP-NELLIS	0.6084	0.5948	-2.2%
80	509th STRAT HOSP-PEASE	0.6559	0.6628	1.1%
83	USAF HOSP KIRTLAND	0.7777	0.7999	2.9%
84	833rd MED GRP-HOLLOMAN	0.5771	0.5429	-5.9%
85	27th MED GRP-CANNON	0.6105	0.6099	-0.1%
87	380th STRAT HOSP-PLATTSBURGH	0.6951	0.7441	7.0%
88	416th STRAT HOSP-GRIFFISS	0.5449	0.5282	-3.1%
90	4th MED GRP-SEYMOUR JOHNSON	0.5860	0.5572	-4.9%
93	842nd STRAT HOSP-GRAND FORKS	0.5495	0.5554	1.1%
94	857th STRAT HOSP-MINOT	0.6908	0.6904	-0.1%
96	USAF HOSP TINKER	0.5952	0.5854	-1. <b>7%</b>
97	USAF HOSP ALTUS	0.5954	0.5805	-2.5%
101	363rd MED GRP-SHAW	0.5875	0.5680	-3.3%
102	354th MED GRP-MYRTLE BEACH	0.7942	0.8064	1.5%
106	44th STRAT HOSP-ELLSWORTH	0.5470	0.5470	0.0%
111	USAF HOSP REESE	0.6176	0.6381	3,3%
112	96th STRAT HOSP-DYESS	0.5939	0.5563	-6.3%
113	USAF RGN HOSP SHEPPARD	0.9208	1.0992	19.4%
114	USAF HOSP LAUGHLIN	0.5386	0.5271	-2.1%
115	67th MED GRP-BERGSTROM	0.7455	0.7451	0.0%

EXHIBIT 3-11: FY90 USAF FACILITY VERSION 4 AND VERSION 8 GROUPER CMIS (BY PEER GROUP SORTED ON DMIS ID) (Concluded)

_ DMIS ID	FACILITY	FY90 VERSION 4 CMI	FY90 VERSION 8 CMI	%AGE CHANGE FY90 VERSION 4 TO FY90 VERSION 8 CMI
116	R. THOMPSON STRAT HOSP-CARSWELL	0.8226	0.8148	0.9%
119	USAF HOSP HILL	0.6308	0.6128	-2.8%
120	1st MED GRP-LANGLEY	0.5465	0.5301	-3.0%
128	92nd STRAT HOSP-FAIRCHILD	0.6888	0.6671	-3.2%
129	90th STRAT HOSP-F.E. WARREN	0.5725	0.5569	-2.7%
	Total USAF CONUS Community Hospitals	0.6691	0.6715	0.4%
14	DAVID GRANT MED CTR-TRAVIS	1.0364	1.1047	6.6%
55	USAF MED CTR SCOTT	0.9242	0.9174	-0.7%
66	MALCOM GROW MED CTR-ANDREWS	1.0337	1.1370	10.0%
73	USAF MED CTR KEESLER	1.1821	1.2448	5.3%
95	USAF MED CTR WRIGHT-PATTERSON	1.0835	1.1664	7.6%
109	BROOKE AMC (JMMC)-FT SAM HOUSTON	1.3264	1.3473	1.6%
117	WILFORD HALL MED CTR-LACKLAND	1.3052	1.4349	9.9%
	Total USAF Medical Centers	1.1839	1.2587	6.3%
626	USAF HOSP BITBURG	0.5388	0.5414	0.5%
627	USAF HOSP HAHIN	0.5202	0.4981	4.2%
628	USAF RGN MED CTR WIESBADEN	0.8464	0.8734	3.2%
629	USAF HOSP LAJES	0.5448	0.5557	2.0%
630	USAF HOSP TORREJON	0.6193	0.6267	1.2%
631	USAF HOSP HELLENIKON	0.6793	0.8753	28.8%
632	USAF HOSP UPPER HEYFORD	0.5880	0.6141	4.4%
633	USAF RGN HOSP LAKENHEATH	0.8404	0.7007	9.4%
634	USAF HOSP IRAKLION			·····
635	USAF HOSP INCIRLIK	0.6844	0.6793	-0.7%
636	13th MED CENTER-CLARK AB	0.8800	0.9247	5.1%
637	8th MED GRP-KUNSON AB	0.9000	0.9477	5.3%
638	51st MED GRP-OSAN AB	0.6669	0.6692	0.4%
639	432th MED GRP-MISAWA	0.5413	0.5807	7.3%
640	475th MED GRP-YOKOTA AB	0,6466	0.6670	3.1%
	Total USAF Overseas Hospitals	0.7072	0.7357	4.0%
	Total All USAF Facilities	0.8567	0.8876	3.6%

Force facilities, respectively. The facilities are separated by model peer 3 34p and presented in order of DMIS ID. Exhibits 3-12 through 3-14 provide the same information for Army, Navy, and Air Force facilities except the MTFs are sorted by change in CMI rather than DMIS ID.

Since there exists an observed general increase in the overall CMI when comparing the Version 4 and Version 8 DRG Groupers and associated weights and trim points, updating the DRG grouper will generally increase measured workloss and case-mix complexity. To preserve comparability of RWPs, CMIs, and IWUs over time it may be necessary to adjust values computed using different DRG Groupers as grouper software and associated weights and trim points are updated. Section 3.3 describes a proposed methodology for preserving the comparability of workload and case-mix complexity measures while updating grouper software, case weights, and trim points.

## 3.3 A METHODOLOGY FOR PRESERVING COMPARABILITY OF WORKLOAD AND CMIS

Since a general increase in the overall CMI was observed, updating to the Version 8 DRG Grouper and associated weights and trim points will generally increase computed workload and case-mix complexity values. To preserve comparability of RWPs, CMIs, and IWUs over time it may be necessary to adjust values computed using the Version 8 DRG Grouper to allow comparison to workload computed using the Version 4 DRG Grouper.

A CMI correction factor may be computed by assigning DRGs and computing RWPs using two grouper versions and associated weights and trim points. A comparison of the resultant DOD overall CMIs will provide a DoD global adjustment factor. For example, the resulting FY90 DoD-wide LMI when the using the Version 4 DRG Grouper was 0.8581 and using the Version 8 DRG Grouper was 0.9052. The ratio of the version 8 to version

EXHIBIT 3-12: FY90 ARMY FACILITY VERSION 4 AND VERSION 8 GROUPER CMIS (BY PEER GROUP SORTED ON PERCENTAGE CHANGE)

DMIS ID	FACILITY	FY90 VERSION 4 CMI	FY90 VERSION 8 CMI	%AGE CHANGE FY90 VERSION 4 TO FY90 VERSION 8 CMI
<u> </u>				T TOO VEHICLE O CIAIT
10€	MONCRIEF AH-FT JACKSON	0.8367	0.9476	13.2%
82	WALSON AH-FT DIX	0,7880	0.8493	7.8%
60	BLANCHFIELD ACH-FT CAMPBELL	0,8310	0.8771	5.5%
122	KENNER AH-FT LEE	0.7320	0.7714	5.4%
89	WOMACK AH-FT BRAGG	0.7360	0.7737	5.1%
57	IRWIN AH-FT RILEY	0.6797	0.7143	5.1%
48	MARTIN AH-FT BENNING	0.8417	0.8835	5.0%
70 86	CUTLER AH-FT DEVENS KELLER AH-WEST POINT	0.7036	0.7271	3.3%
81	PATTERSON AH-FT MONMOUTH	<b>0.6972</b> 0.7467	0. <b>719</b> 0 0.7676	3.1%
64	BAYNE-JONES AH-FT POLK	0.6239	0.7676	2.8% 2.8%
49	WINN AH-FT STEWART	0.6436	0.6591	2.4%
75	WOOD AH-FT LEONARD WOOD	0.7347	0.7523	2.4%
110	DARNALL AH-FT HOOD	0.6401	0.6553	2.4%
61	IRELAND AH-FT KNOX	0.7191	0.7355	2.3%
121	MCDONALD AH-FT EUSTIS	0.7129	0.7290	2.3%
23	HAYS AH-FT ORD	0.6704	0.6801	1.5%
58	MUNSON AH-FT LEAVENWORTH	0.8275	0.8359	1.0%
8	BLISS AH-FT HUACHUCA	0.7201	0.7229	0.4%
98	REYNOLDS AH-FT SILL	0.7439	0.7403	-0.5%
1	FOX AH-REDSTONE ARSENAL	0.7656	0.7612	-0.6%
5	BASSETT ACH-FT WAINWRIGHT	0.6131	0.6089	-0 T ,
69	KIMBROUGH AH-FT MEADE	0.8512	0.8430	-1 -: o
294	HAWLEY AH-FT B. HARRISON	0.6767	0.6637	-1.9%
32	EVANS AH-FT CARSON	0.6677	0.6547	-2.0%
123	DEWITT AH FT BELVOIR	0.6517	0.6350	-2.6%
131	WEED ACH-FT IRWIN	0.5416	0.5236	-3.3%
3	LYSTER AH-FT RUCKER	0.6838	0.6565	-4.0%
2	NOBLE AH-FT ICCLELLAN	0.7207	0.6914	-4.1%
330	WILCOX AH/C FT DRUM	0.4000		
	Total Army CONUS Community Hospitals	0.7184	0.7380	2.7%
37	WALTER REED AMC-WASHINGTON	1,4693	1,6026	9.1%
22	LETTERMAN AMC-PRESIDIO OF SF	1.4636	1,5751	7.6%
52	TRIPLER AMC-FT SHAFTER	0,9543	1,0265	7.6%
108	WILLIAM BEAUMONT AMC-FT BLISS	0.9870	1.0571	7.1%
47	EISENHOWER AMC-FT GORDON	1.1247	1.1997	6.7%
31	FITZSIMONS AMC-DENVER	1.3723	1.4238	3.7%
125	MADIGAN AMC-FT LEWIS	0.9184	0.9198	0.2%
	Total Army Medical Centers	1.1659	1.2382	6.2%
602	5th GENERAL HOSP-BAD CANNSTATT	0.7857	0.9425	20.0%
605	97th GENERAL HOSP-FRANKFURT	0.7775	0.8604	10.7%
612	121st EVACUATION HOSP-SEOUL	0.7822	0.8600	9.9%
608	98th GENERAL HOSP-NURNBERG	0.7933	0.8569	8.0%
607	2nd GENERAL HOSP-LANDSTUHL	0.9079	0.9533	5.0%
601	34th GENERAL HOSP-AUGSBURG	0.7419	0.7765	4.7%
611	45th FIELD HOSP-VICENZA	0.6208	0.6496	4.5%
613	GORGAS ACH	0.8504	0.8876	4.4%
603	AH BERLIN	0.7089	0.7308	3.1%
609	67th EVACUATION HOSP-WURZBURG	0.5819	0.5966	2.5%
606	130th STATN HOSP-HEIDELBERG	0.6740	0.6906	2.5%
614	196TH STATION HOSP-SHAPE	0.6673	0.8708	0.5%
604	2nd FIELD HOSP-BREMERHAVEN	0.6343	0.6246	1.5%
	Total Army Overseas Hospitals	0.7719	0.8277	7.2%
	Total All Army Facilities	0.8800	0.9237	5.0%

EXHIBIT 3-13: FY90 NAVY FACILITY VERSION 4 AND VERSION 8 GROUPER CMIS (BY PEER GROUP SORTED BY PERCENTAGE CHANGE)

C. SIMO	FACILITY	FY90 VERSION 4 CMI	FY90 VERSION 8 CMI	%AGE CHANGE FY90 VERSION 4 TO FY90 VERSION 8 CMI
UMIS .J	FACILITY	CMI	CMI	F 190 VENSION 6 CMI
107	NH MILLINGTON	0.6378	0.7887	23.7%
40	NH ORLANDO	0.7322	0.8997	22.9%
100	NH NEWPORT	0.7972	0.9675	21.4%
56	NH GREAT LAKES	0.9236	1.1117	20.4%
25	NH LONG BEACH	0.9548	1.1258	17.9%
99	NH PHILADELPHIA	0.7246	0.8381	15.7%
39	NH JACKSONVILLE	0.7202	0.8164	13.4%
118	NH CORPUS CHRISTI	0.8378	0.9267	10.6%
126	NH BREMERTON	0.7192	0.7952	10.6%
91	NH CAMP LEJEUNE	0.7323	0.8058	10.0%
103	NH CHARLESTON	0.7442	0.8119	9.1%
104	NH BEAUFORT	0.7440	0.7941	6.7%
24	NH CAMP PENDLETON	0.7342	0.7751	5.6%
35	NH GROTON	0.7736	0.8132	5.1%
38	NH PENSACOLA	0.8299	0.8516	2.6%
7	BRH NAVSTA ADAK	0.5568	0.5592	0.4%
127	NH OAK HARBOR	0.5292	0.5194	-1.8%
30	BRH MGAGCC TWENTY NINE PALMS	0.5252	0.5077	-4.5%
92	NH CHERRY POINT	0.5124	0.4852	-5.3%
58 58	NH PATUXENT RIVER	0.5015	0.4669	-6.9%
28	NH LEMOORE	0.6019	0.5401	-10,3%
	Total Navy CONUS Community Hospitals	0.7370	0.8160	10.7%
29	NH SAN DIEGO	0.9360	1.0273	9.7%
124	NH PORTSMOUTH	0.8457	0.9273	9.6%
67	NH BETHESDA	1.1197	1.2082	7.9%
27	NH OAKLAND	0.9064	0.9323	2.9%
	Total Navy Medical Centers	0.9372	1.0156	8.4%
618	NH ROTA 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.9227	1.0689	15.8%
616	NH ROOSEVELT ROADS-CEIBA	0.7051	0.7895	12.0%
622	NH YOKOSUKA	0.7092	0.7902	11.4%
619	NH SUBIC BAY	0.6779	0.7417	9.4%
621	NH OKINAWA	0.6653	0.7193	8.1%
623	NH KEFLAVIK	0.5577	0.5964	6.9%
615	NH GUANTANAMO BAY	0.6134	0.6486	5.7%
620	NH GUAM-AGANA	0.6816	0.7191	5.5%
624	BRH USNAF, SIGONELLA	0.5175	0.5396	4.3%
617	NH NAPLES	0.6043	0.6264	3.7%
	Total Navy Overseas Hospitals	0.6874	0.7488	8.9%
	Total All Navy Facilities	0.8158	0.8921	9.4%

EXHIBIT 3-14: FY90 USAF FACILITY VERSION 4 AND VERSION 8 GROUPER CMIS (BY PEER GROUP SORTED ON PERCENTAGE CHANGE)

		FY90 VERSION 4	FY90 VERSION 8	%AGE CHANGE FY90 VERSION 4 TO
DMIS ID	FACILITY	СМІ	CMI	FY90 VERSION 8 CM
113	USAF RGN HOSP SHEPPARD	0.9208	1.0992	19.4%
87	380th STRAT HOSP-PLATTSBURGH	0.6951	0.7441	7.0%
42	USAF RGN HOSP EGUN	0.7518	0.8022	6.7%
21	22nd STRAT HOSP-MARCH	0.7503	0.8006	6.7%
6	USAF HOSP ELMENDORF	0.6943	0.7267	4.7%
111	USAF HOSP REESE	0.6176	0.6381	3.3%
83	USAF HOSP KIRTLAND	0.7777	0.7999	2.9%
20	831st MED GRP-GEORGE	0.5817	0.5969	2.6%
59	384th STRAT HOSP-MCCONNELL	0.7167	0.7314	2.0%
50	347th MED GRP-MOODY	0.7271	0.7408	1.9%
65	42nd STRAT HOSP-LORING	0.5586	0.5674	1.6%
102	354th MED GRP-MYRTLE BEACH	0.7942	0.8064	1.5%
18	1st STRAT HOSP-VANDENBERG	0.6442	0.6518	1.2%
93	842nd STRAT HOSP-GRAND FORKS	0.5495	0.5554	1,1%
80	509th STRAT HOSP-PEASE	0.6559	0.6628	
53	366th MED GRP-MOUNTAIN HOME	0.5916	0.5973	1.1%
54	USAF HOSP CHANUTE	0.7859		1.0%
106	44th STRAT HOSP-ELLSWORTH		0.7926	0.8%
78		0.5470	0.5470	0.0%
	EHRLING BERQUIST RGN HOSP-OFFUTT 67th MED GRP-BERGSTROM	and the second second second	0.6513	0.0%
115		0.7455	0.7451	0.0%
94	857th STRAT HOSP-MINOT	0.6908	0.6904	-0.1%
85	27th MED GRP-CANNON	0.6105	0.6099	-0.1%
33	USAF ACADEMY HOSP	0.6892	0.6884	-0.1%
4	AIR UNIVERSITY RGN HOSP-MAXWELL	0.7628	0.7598	-0.4%
116	R. THOMPSON STRAT HOSP-C, ASWELL		0.8148	-0.9%
9	832nd MED GRP-LUKE	0.6714	0.6645	-1.0%
76	351st STRAT HOSP-WHITEMAN	0.5163	0.5099	-1,2%
45	56th MED GRP-MACDILL	0.6780	0.6679	-1.5%
36	USAF HOSP DOVER	0.6126	0.6029	-1.6%
12	97th STRAT HOSP-EAKER	0.5809	0.5714	-1.6%
96	USAF HOSP TINKER	0.5952	0.5854	-1.7%
74	USAF HOSP COLUMBUS	0.7318	0.7178	3%
15	9th STRAT HOSP-BEALE	0.5881	0.5570	0%
13	USAF HOSP LITTLE ROCK	0.6571	0.6434	-2.1%
17	93rd STRAT HOSP-CASTLE	0.5361	0.5247	-2.1%
114	USAF HOSP LAUGHLIN	0.5386	0.5271	-2.1%
79	554th MED GAP-NELLIS	0,6084	0.5948	-2.2%
46	USAF HOSP PATRICK	0.7999	0.7815	-2.3%
63	23rd MED GRP-ENGLAND	0.7341	0.7161	-2.5%
97	USAF HOSP ALTUS	0.5954	0.5805	-2.5%
43	325th MED GRP-TYNDALL	0.6801	0.6619	-2.7%
129	90th STRAT HOSP-F.E. WARREN	0.5725	0.5569	-2.7%
62	2nd STRAT HOSP-BARKSDALE	0.6816	0.6628	-2.8%
10	836th MED GRP-DAVIS MONTHAN	0.6633	0.6446	-2.8%
119	USAF HOSP HILL	0.6308	0.6128	-2.8%
120	1st MED GRP-LANGLEY	0.5465	0.5301	-3.0%
88	416th STRAT HOSP-GRIFFISS	0.5449	0.5282	-3.1%
72	410th STRAT HOSP-K.I.SAWYER	0.5537	0.5367	-3.1%
128	92nd STRAT HOSP-FAIRCHILD	0.6888	0.6871	-3.2%
71	379th STRAT HOSP-WURTSMITH	0.6231	0.6026	-3.3%
101	363rd MED GRP-SHAW	0.5875	0.5680	3.3%
11	USAF HOSP WILLIAMS	0 5617	0.5429	-3.3%
51	USAF HOSP ROBINS	0.6578	0 6352	-3.4%
44	31st MED GRP-HOMESTEAD	0.6872	0.6633	-3.5%
90	4IN MED GRP-SEYMOUR JOHNSON	0.5860	0.5572	-4.9%
84	833rd MED GRP-HOLLOMAN	0.5771	0.5429	-5.9%
		W/WIFT	W/W74.0	~~.~ /~ /~

EXHIBIT 3-14: FY90 USAF FACILITY VERSION 4 AND VERSION 8 GROUPER CMIS (BY PEER GROUP SORTED ON PERCENTAGE CHANGE) (Concluded)

DMIS ID	FACILITY	FY90 VERSION 4 CMI	FY90 VERSION 8 CMI	%AGE CHANGE FY90 VERSION 4 TO FY90 VERSION 8 CMI
112	96th STRAT HOSP-DYESS	0.5939	0.5563	-6.3%
16	USAF HOSP MATHER	0.7317	0.6839	-6.5%
77	341st STRAT HOSP-MALMSTROM	0.7317	0.0039	-0.576
,,	Strate Trick Indiana.			
	Total USAF CONUS Community Hospitals	0.6691	0.6715	0.4%
66	MALCOM GROW MED CTR-ANDREWS	1.0337	1.1370	10.0%
117	WILFORD HALL MED CTR-LACKLAND	1.3052	1.4349	9.9%
95	USAF MED CTR WRIGHT-PATTERSON	1.0835	1,1664	7.6%
14	DAVID GRANT MED CTR-TRAVIS	1.0364	1.1047	6.6%
73	USAF MED CTR KEESLER	1.1821	1.2446	5.3%
109	BROOKE AMC (JMMC)-FT SAM HOUSTON	1.3264	1.3473	1.6%
55	USAF MED CTR SCOTT	0.9242	0.9174	-0.7%
	Total USAF Medical Centers	1.1839	1.2587	6.3%
631	USAF HOSP HELLENIKON	0.6793	0,8753	28.8%
633	USAF RGN HOSP LAKENHEATH	0.6404	0.7007	9.4%
639	432th MED GRP-MISAWA	0.5413	0.5807	7.3%
<b>6</b> 3 <sup>-</sup>	8th MED GRP-KUNSON AB	0.900	0.9477	5.3%
636	13th MED CENTER-CLARK AB	0.880⊾	0.9247	5.1%
632	USAF HOSP UPPER HEYFORD	0.5880	0.6141	4.4%
628	USAF RGN MED CTR WIESBADEN	0.8464	0.8734	3.2%
640	475th MED GRP-YOKOTA AB	0.6466	0.6670	3.1%
629	USAF HOSP LAJES	0.5448	0.5557	2.0%
630	USAF HOSP TORREJON	0.6193	0.6267	1.2%
626	USAF HOSP BITBURG	0.5388	0.5414	0.5%
638	51st MED GRP-OSAN AB	0.6669	0.6692	0.4%
635	USAF HOSP INCIPLIK	2844	0.6793	-0.7%
627	USAF HOSP HAHN	202د	0.4981	-4.2%
634	USAF HOSP IRAKLION	******		
	Total USAF Overseas Hospitals	0.7072	0.7357	4.0%
	Total All USAF Facilities	0.8567	0.8876	3.6%

4 CMI is 1.0549, which indicates that an average, eac. ATF had a CMI that we approximately 5.5% higher strictly due to the fact that the grouper and associated weights and trim points were updated from Versio: 4 to Version 8.

Therefore, in order to ensure that RWPs, CMIs, and IWUs are consistent over time, a correction factor based upon this result may be incorporated when computing IWUs. The current basic formula for the computation of IWUs is:

Precisely speaking, this definition is only accurate for IWUs based upon Version 4 DRGs and associated weights and trim points, which were used in the original formulation of the IWU. In order to correct for observed changes in case-mix due to grouper updates, a correction factor may be added to the definition of the IWU. Thus, the generic IWU definition would be:

where the

This definition of the IWU is generic in the sense that it is not sensitive to the DRG Grouper version with which the CMI is computed, whereas the former definition should only be applied to CMIs computed using the Version 4 DRG Grouper.

Applying this definition of the IWU to FY90 data would essentially ruce the computed IWUs at each facility by 5.5%. Similarly, the responding correction factor for each DRG grouper update must be

calculated whenever the grouper and/or associated weight and trim point, are updated.

Note that while the global adjustment factor preserves comparability of IWUs over time at the aggregate DoD level, the global adjustment does not compensate for changes at the facility level. For example, while on average the DoD CMI increase by 5.5% when comparing results from the Version 4 and Version 8 DRG Groupers, Navy CONUS hospitals CMIs on average increased by 10.7%. In addition, NH Lemoore (DMIS ID 28) had a 10.3% decrease in its CMI while NH Orlando had a 22.9% increase in its CMI. Herefore, an analysis at the facility or peer group level, even after compensating for the update at the global level, could demonstrate a notable change in observed IWUs strictly due to the grouper update.

Thus, there exists a tradeoff between frequently updating or maintaining the same DRG grouper and associated weights and trim points. While it is presumed that a more recent grouper will incorporate rapidly changing medical practice, policy, relative costs, and efficiency, continuously updating the basis for measuring workload could impact fifty or peer group-level time series analyses. The issues identified and data presented in this document will assist analysts in identifying changes in workload strictly due to updates in workload measures. Caution must be exercised, however, when workload measures obtained from different DRG groupers are compared over time or employed as inputs to previously established models.

EXHIBIT A-1: FY90 VERSION 4 AND VERSION 8 DRG GROUPER ARMY CONUS HOSPITAL CMIS BY MDC

MAJOR DIAGNOSTIC CATEGORY (MDC)	VERSION 4 DISP	VERSION 8 DISP.	VERSION 4 RWPs	VERSION 8 RWPs	VERSION 4 CMI	VERSION 8 CMI	%AGE CHANGE IN CMI
1 Nervous System	5,831	5,769	5,148	5,820	0.8629	1,0090	14.3%
2 Eye Disorders	3,147	3,144	1,982	2,087	0.6297	0.6639	5.4%
3 Ear/Nose/Mouth/Throat	15,185	19,518	7,663	11,653	0.5046	0.5971	18.3%
◆ Respiratory System	10,017	9,973	10,099	9,762	1,0082	0.9788	-2.9%
5 Circulatory System	8,922	8,926	7,999	7,958	0.8965	0.8915	%9°0~
6 Digestive System	24,196	19,733	20,033	15,079	0.8280	0.7641	-7.7%
7 Hepatrobiliary System	2,707	2,701	3,479	3,260	1.2850	1.2069	-6.1%
8 Muscułoskeletal System	18,969	18,963	20,091	20,798	1.0591	1.0968	3.6%
9 Skin/Subcutaneous Tissue	9,497	9,487	7,648	7,754	0.8053	0.8173	1.5%
3 Endocrine/Nutritional	3,350	3,330	2,921	2,574	0.8721	0 7731	-11.4%
1 Kidney/Utimery Tract	3,544	3,539	3,036	2,824	0.8566	626.	%6.9·
2 Male Reproductive System	4,681	4,658	2,967	2,847	0.6339	0112	-3.6%
3 Female Reproductive System	8,963	8,954	6,683	6,568	0.7457	0.7335	-1.6%
6 Pregnancy/Childbirth	32,448	32,374	17,433	15,518	0.5373	0.4794	-10.8%
5 Nocretal/Perinatel Period	20,003	20,437	4,812	4,763	0.2406	0.230	3,1%
6 Blood/Immunity	1,478	1,373	1,551	1,446	1.0492	1.0531	0.4%
7 Myeloproliferative/Neoplasms	822	816	953	1,156	1,1591	1.4170	22.3%
8 Infectious/Parasitic	5,720	5,602	3,841	4,052	0.6716	0.7233	7.7%
9 Mental Disease/Disorder	4,050	4,047	4,150	7,971	1.0248	1.9695	92.5%
<ol> <li>Substance Use/Organic Mental</li> </ol>	1,685	1,685	1,129	2,109	0.6698	1.2517	%6'98
1 Hyury, Poison, Toxic Effects	4,236	<b>₹,137</b>	3,627	3,358	0.9035	0.8117	.10.2%
2 Sums	88 88	33	305	307	1.1839	1.1882	0.4%
3 Other Fectors/Contects	5,247	5,171	2,311	3,082	0.4404	0.5960	35.3%
Multiple Significant Trauma	-	<b>82</b>	l	089	ı	5.3146	
5 HIV Infections		153		386	•	2.5346	
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EXHIBIT A-2: FY90 VERSION 4 AND VERSION 8 DRG GROUPER ARMY MEDICAL CENTER CMIS BY MDC

NEW JOR DIAGNOSTIC CATEGORY (MDC)	VERSION 4 DISP	VERSION 8 DISP	VERSION 4 RWPs	VERSION 8 RWPs	VERSION 4 CMI	VERSION 8 CMI	%AGE CHANGE IN CMI
To Mervaus System	968'9	8,324	10,968	12.085	1.7164	1.9109	11.3%
2 Eye Disorders	3,116	3,112	2,606	2,742	0.8365	0.8812	5.3%
3 EarthoseAkouth/Throat	6,302	8,48	4,578	7,028	0.7265	0.8364	15.1%
<ul> <li>Absopiratory System</li> </ul>	5.816	5,762	9.644	9,575	1.6582	1,6618	0.2%
5 Circulatory System	12,134	12,225	20,773	21,692	1,7125	1,7744	3.6%
6 Digestive System	16,892	14,669	20,024	14,265	1.1854	0.9725	-18.0%
7 Hepatobiliary System	2,306	2,299	4,298	3,991	1.8637	1.7362	<b>.6.8%</b>
8 Musculoskeletal System	13,084	13,093	18,562	18,590	1.4187	1.4199	0.1%
9 Skin/Subcutaneous Tissue	7,131	7,113	7,375	7,550	1.0343	1.0614	5.6%
0 Endocrine/Nutritional	2,528	2,499	2,802	2,495	1.1083	0.9984	%6.6-
1 Kidney/Lkinary Tracs	4,496	4,512	6,172	6,028	1,3728	1,3360	-2.7%
2 Male Reproductive System	2,968	2,960	2,839	2,956	0.9903	0.9987	0.8%
3 Female Reproductive System	5,935	5,933	5,553	5,499	0.9357	0.9268	-1.0%
<ul> <li>Pregnancy/Childhirth</li> </ul>	15,645	15,642	9,949	9,810	0,6360	0.5633	-11.4%
5 Neonstal/Permatel Period	10,398	10,689	188,	6,345	0.4502	0.5936	31.8%
6 Blood/Immunity	2,240	1,652	3,388	2,242	1.5125	1.3571	-10.3%
7 Myeloproliferative/Neoplasms	2,994	2,986	5,463	6,357	1.8248	2.1289	16.7%
8 Infectious/Parasitic	1,716	1,567	2,459	2,350	1.4328	1.4995	4.7%
9 Mental Disease/Disorder	3,808	3,786	6,312	10,795	1.6576	2.8512	72.0%
0 Substance Use/Organic Mental	2,223	2,223	2,452	1,297	1.1031	1.9328	75.2%
1 frigury, Poison, Toxic Effects	2,349	2,032	3,180	2,368	1,3536	1,1652	-13.9%
2 9678	118	<b>4</b>	88	206	1.7623	1.7496	%2.0
	#98°*	4,919	3,649	€86'•	0.7351	1.0150	38.1%
24 Multiple Significant Trauma		124	ı	296		7.7998	vanne
5 tay intections		088		3,594		<b>4.0386</b>	
All Care	135,553	135,532	158 043	167 820	1 1659	1 2382	%2%

EXHIBIT A-3: FY90 VERSION 4 AND VERSION 8 DRG GROUPER ARMY OVERSEAS HOSPITAL CMIS BY MDC

	MAJOR DIAGNOSTIC CATEGORY (MDC)	VERSION 4 DISP.	VERSION 8 DISP	-RSION 4 RWPs	VER JN8 RWPs	VERSION 4 CMI	VERSION 8 CMI	%AGE CHANGE IN CMI
-	Nervous System	2 187	2.166	2.268	2 600	1 0383	1 2043	9C 94
N	Eve Disorders	6 <b>8</b> 6		609	646	0.6155	0.6589	7 1%
93	EarlNoseMexityThroat	2,792	4,075	1,505	2,951	0.5389	0.7241	34.4%
•	Respiratory System	2,747	2,728	2,767	2,727	1,0074	0.9998	-0.8%
10	Grounty System	2,179	2,171	2,347	2,279	1.0771	1.0499	.2.5%
9	Digestive System	7,452	6,116	6,266	4,540	0.8409	0.7424	.11.7%
^	Hepatobiliary System	671	199	887	828	1.3219	1.2533	5.2%
<b>6</b> 0	Musculoskeletal System	7,380	7,363	8,054	8,337	1.0913	1.1323	3.8%
ი	Skin/Subcutaneous Tissue	2,887	2,888	2,495	2,599	0.8643	9668.0	4.1%
2	Endocrine/Nutritional	1,035	1,029	813	707	0.7857	0.6872	-12.5%
=	Kidney/Urinery Tract	1,284	1,277	1,067	1,014	0.8230	0.7944	-3.5%
2	Male Reproductive System	2,550	2,038	1,532	<b>*</b> ::	90090	0.5613	-6.6%
2	Female Reproductive System	3,277	3,273	2,517	2,523	0.7680	0.7709	0.4%
*	Pregrancy/Childbirth	11,918	116:11	7,211	6,380	0,6050	0.5356	-11.5%
5	Neonatal/Permatal Period	8,261	<b>9</b> 96'8	2,313	2,627	0.2800	0.2931	₹.
16	Blood/Immunity	383	366	422	416	1.1019	1.1379	3.3%
17	Myeloproliferative/Neoplasms	326	325	362	405	1,1108	1.2453	12.1%
18	Infectious/Parasitic	1,362	1,338	896	1,019	0.7108	0.7615	7.1%
19	Mental Disease/Disorder	2,452	2,451	2,179	4,376	0.8886	1.7852	100.9%
ଛ	Substance Use/Organic Mental	2,243	2,243	2,680	4,358	1.1950	1.9429	62.6%
7	Injury, Polson, Toxic Effects	1,230	1,197	1,087	920	0.8835	0.7689	-13.0%
Z		145	144	195	173	1.3444	1.2034	-10.5%
83	Other Eactors/Contacts	 9	1,356	1,306	1,658	0.9320	1,2225	31.2%
*	Multiple Significers Traume	1	æ	ì	313		4.8183	••••
x			<b>9</b>	<b>.</b>	8	<b>.</b>	1,6356	i
	All Care	67,151	67,142	51,837	55,576	0.7719	0.8277	7.2%
								! !

EXHIBIT A-4: FY90 VERSION 4 AND VERSION 8 DRG GROUPER NAVY CONUS HOSPITAL CMIS BY MDC

	MAJOR DIAGNOSTIC CATEGORY (MDC)	VERSION 4 DISP	VERSION 8 DISP	VERSION 4	VERSION 8 RWPs	VERSION 4 CMI	VERSION 8 CMI	%AGE CHANGE IN CMI
نب	Nervous System	2,178	2,145	1,850	2,059	0.8495	0.9597	13.0%
Ç.	Eye Disorders	1,455	1,453	884	946	0.6078	0.6496	6.9%
67	Ear/Nose/Mouth/Throat	4,818	6,136	2,328	3,670	0.4832	0.5982	23.8%
*	Respiratory System	4,275	4,248	4,376	4,142	1.0237	0.9750	-4.8%
V)	Circulatory System	3,547	3,531	3,255	3,020	0.9175	0.8554	·6.8%
9	Digestive System	9,694	8,299	8,405	6,718	0.8670	0.8095	%9 <sup>-</sup> 9-
7	Hepatobiliary System	1,650	1,644	1,949	1,818	1.1813	1,1060	6.4%
80	Musculoskeletal System	10,656	10,650	9,046	9,480	0.8490	0.8901	4.8%
တ	Skin/Subcutaneous Tissue	4,677	4,670	3,710	3,685	0.7932	0.7891	-0.5%
2	Endocrine/Nutritional	1,117	1,108	915	821	0.8196	0.7407	<b>%9</b> ·6-
<b>;</b>	Nkhey/Linary Tract	1,653	1,640	1,408	1,303	0.8516	0.7944	-6.7%
2	Male Reproductive System	1,356	1,343	939	859	0.6925	0.6394	-7.7%
<b>₹</b>	Female Reproductive System	4,319	4,319	3,169	3,132	0,7338	0.7252	-1.2%
*	Pregnancy/Childbirth	12,482	12,476	7,117	6,221	0.5702	0.4986	-12.6%
\$	Neonatal/Pernatal Period	9,798	10,049	2,220	2,497	0.2266	0.2485	9.7%
16	Blood/Immunity	622	540	969	288	1.1189	1.0896	-5.6%
17	Myeloproliferative/Neoplasms	204	203	285	327	1.3964	1.6098	15.3%
<b>8</b>	Infectious/Parasitic	7	1,902	1,394	1,466	0.7097	0.7709	8.6%
6	Mental Disease/Disorder	2,8	2,854	2,982	6,560	1.0441	2.2985	120.1%
ଥ	Substance Use/Organic Mental	3,499	3,499	4,007	7,873	1.1453	2.2501	%5'96
2	Injury, Poison, Toxic Effects	1,674	1,644	1,357	1,238	0.8106	0.7530	-7.1%
X	****	116	116	192		1,6532	1.5496	.6.3%
প্ত	Other Factors/Contacts	888	098	527	695	0.5935	0.8085	%Z-98
*	Multiple Significant Trauma		<b>\$</b>		<b>66</b>	•	4.1513	acces
X	HIV Intections		87	***	242	1	2.7867	•
	All Care	85,498	85.464	63.011	69,737	0.7370	08160	10 7%
[		200,000	100,100	2	100		3	2

EXHIBIT A-5: FY90 VERSION 4 AND VERSION 8 DRG GROUPER NAVY MEDICAL CENTER UMIS BY MDC

		VERSION 4	VERSION 8	VERSION 4	VERSION 8	VERSION 4	VERSION 8	%AG: CHANGE
MAJOR DIAGNOSTIC CATEGORY (MDC)	SORY (MDC)	DISP	DISP	RWPs	RWPs	CM	CWI	IN CMI
1 Nervous System		3,536	3,487	4,753	5.184	1.3441	1.4867	10.6%
2 Eye Disorders		2.522	2,522	1,719	1.847	0.6815	0.7326	7.5%
		5,358	6,337	3,158	4,438	0.5885	0.7003	18.8%
4 Respiratory System		3,648	3,601	5,088	5,058	1.3948	1,4045	%.0
5 Circulatory System		6,011	6,041	8,409	8,796	1,3989	1.4561	4.1%
6 Digestive System		7,856	6,810	8,503	6,639	1.0824	0.9749	%6.6-
7 Hepatobiliary System		1,393	1,382	2,064	1,920	1.4816	1.3893	-6.2%
8 Musculoskeletal System		9,315	9,304	10,636	10,557	1.1419	1.1347	%9 <sup>°</sup> 0-
9 Skin/Subcutaneous Tissue		3,989	3,988	3,673	3,815	0.9207	0.9566	3.9%
10 Endocrine/Nutritional		1,274	1,258	1,288	1,210	1.0110	0.9619	<b>*6</b> .4-
11 Kichey/Utinary Tracs		2,762	2,750	2,926	2,753	1,0593	1.0012	-5.5%
12 Male Reproductive System		1,960	1,958	1,593	1,538	0.8125	0.7854	-3.3%
13 Female Reproductive System		3,338	3,335	2,877	2,835	0.8618	0.8501	-1.4%
14 Pregnancy/Childbirth		13,111	13,106	7.277	6,438	0.5551	0.4913	-11.5%
15 Neonatal/Perinatal Period		8,489	8,715	3,124	4,239	0.3681	0.4864	32.2%
16 Blood/Immunity		1,198	199	1,688	830	1.4090	1.2562	-10.8%
17 Myeloproliferative/Neoplasms		1,187	1,175	2,160	2,477	1.8197	2.1080	15.8%
18 Infectious/Parasitic		1,321	1,232	1,477	1,428	1.1182	1.1594	3.7%
19 Mental Disease/Disorder		2,122	2,114	2,647	5,455	1.2473	2.5803	106.9%
20 Substance Use/Organic Mental	~	1,664	1,664	1,764	3,372	1.0599	2.0263	91.2%
21 Injury, Poison, Toxic Effects		1,256	1,107	1,599	1,234	1.2731	1,1143	-12.5%
22 Burns		139	119	191	185	1,6009	1.5542	~5.9%
23 Other Factors/Contacts		1,191	82.7	693	939	0.5815	0.8035	38.2%
24 Multiple Significant Trauma		1	**	1	712		8,2765	-
25 HIV Infections			889	A CONTRACTOR OF THE CONTRACTOR	2,027		2.9463	
All Care		84,620	84,608	79,305	85,928	0.9372	1.0156	8.4%

EXHIBIT A-6: FY90 VERSION 4 AND VERSION 8 DRG GROUPER NAVY OVERSEAS HOSPITAL CMIS BY MDC

System         643         643         717         0.7847         0.6844           wicker         404         403         £         252         0.5789         0.6241           adAcuty/Throat         1,182         1,579         618         1,028         0.5229         0.6241           af Book Lift         1,182         1,579         618         1,028         0.5229         0.6241           af System         710         707         690         662         0.9317         0.9417           af System         376         373         48         397         1.659         0.6227           a System         376         373         48         397         1.659         0.735         0.735           a System         3546         3,44         3,43         397         1.659         0.7549         0.7749           culameous Tissue         1,346         1,345         966         1,014         0.7325         0.7549         0.7549           culameous Tissue         1,346         1,345         392         383         0.7545         0.7549           culameous Tissue         1,346         1,345         392         383         0.7545         0.7549	<b>-</b>	MAJOR DIAGNOSTIC CATEGORY (MDC)	VERSION 4 DISP	VERSION 8 DISP	VERSION 4 RWPs	VERSION 8 RWPs	VERSION 4	VERSION 8 CMI	%AGE CHANGE IN CMI
404         403         2         252         0.5789         0.6241           1,182         1,578         618         1,028         0.5299         0.6510           946         940         691         1,028         0.5299         0.6510           770         707         690         652         0.9394         0.9417           771         707         690         652         0.7955         0.7358           376         2,177         2,070         1,602         0.7955         0.7358           376         3,748         3,748         3,748         0.7549         0.7549           1,346         1,348         3,748         3,132         3,289         0.8574         0.7549           1,346         1,343         964         220         0.799         0.8939         0.6554         0.7774           1,346         1,343         964         952         0.7742         0.7774         0.7774         0.7774         0.7774         0.7774         0.7774         0.7774         0.7774         0.7774         0.7774         0.7774         0.7774         0.7774         0.7774         0.7774         0.7774         0.7774         0.7774         0.7774	-	Vervous System	819	808	643	717	0.7847	0.8874	13.1%
1,182   1,579   618   1,028   0,5229   0,6510     948   940   891   885   0,994   0,9417     707   690   662   0,9712   0,9227     2,602   2,177   2,070   1,602   0,9712   0,9227     3548   3,545   3,132   3,289   0,8277   0,7358     3548   3,545   3,132   3,289   0,8277   0,7358     1,346   1,343   986   1,014   0,7325   0,7739     1,346   1,343   986   1,014   0,7325   0,7739     1,346   1,343   392   363   0,7542   0,7739     4,356   5,35   3,24   0,6635   0,5748     4,356   5,276   3,046   2,653   0,5766   0,5028     4,356   5,276   3,046   2,653   0,5765   0,0779     1,20   1,17   1,22   1,19   1,0136   1,0167     1,319   1,058   1,371   2,427   1,2956   1,0167     4,356   1,058   1,371   2,427   1,2956   1,0141     4,356   1,371   2,427   1,2956   1,0141     4,357   1,058   1,371   2,427   1,2956   1,0141     4,357   1,058   1,371   2,427   1,2956   1,0141     4,364   1,058   1,371   2,427   1,2956   1,0141     4,364   1,058   1,371   2,427   1,2956   1,0141     4,364   1,058   1,058   1,371   2,427   1,2956   1,0141     4,367   1,058   1,058   1,371   2,427   1,2956   1,0141     4,367   1,068   1,371   2,427   1,2956   1,0141     4,367   1,068   1,371   2,427   1,2956   1,0141     4,367   1,0141   1,0141   1,0141   1,0141   1,0141     4,367   1,0141	8	Eye Disorders	404	£03	au au	252	0.5789	0.6241	7.8%
948         940         891         885         0.9394         0.9417           710         707         690         662         0.9712         0.9227           2,602         2,177         2,070         1,602         0.7955         0.7358           376         373         438         397         1,1659         0.7549         0.9277           1,346         1,343         3,132         3,289         0.8827         0.7549         0.9277           1,346         1,343         986         1,014         0.7325         0.9277         0.9277           1,346         1,343         986         1,014         0.7325         0.7549         0.8549         0.8544         0.957           1,346         1,343         986         1,014         0.7325         0.7549 <th>60</th> <th>Ear/Nose/Mouth/Throat</th> <th>1,182</th> <th>1,579</th> <th>618</th> <th>1,028</th> <th>0.5229</th> <th>0.6510</th> <th>24.5%</th>	60	Ear/Nose/Mouth/Throat	1,182	1,579	618	1,028	0.5229	0.6510	24.5%
2 (2) (2) (2) (2) (2) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	*	Pespiratory System	<b>8</b>	940	891	885	0.9394	0.9417	0.5%
2,602         2,177         2,070         1,602         0.7955         0.7368           376         373         438         397         1,1659         1,0632           376         3,548         3,548         3,132         3,289         0.8827         0.7549           1,346         1,343         986         1,014         0.7325         0.7549           246         244         220         209         0.8939         0.8554           520         513         392         363         0.7542         0.7749           spen         536         355         324         0.6635         0.7749           spen         536         324         0.6635         0.7718           spen         5,276         3,045         3,645         0.5766         0.5766           A,281         4,281         4,355         923         991         0.2155         0.2756           Act         1,29         1,371         1,29         1,0167         1,718           act         28         28         46         4,23         0.781         0.856           Act         1,058         1,371         2,427         1,2956         2.2941 <th>so.</th> <th>Groulatory System</th> <th>710</th> <th>707</th> <th>069</th> <th>652</th> <th>0.9712</th> <th>0.9227</th> <th>%0°S-</th>	so.	Groulatory System	710	707	069	652	0.9712	0.9227	%0°S-
3,548 3,545 3,132 3,289 0.8627 0.9277  3,548 3,545 3,132 3,289 0.8627 0.9277  1,346 1,343 986 1,014 0.7225 0.7549  246 224 220 209 0.8939 0.8554  520 513 392 363 0.7542 0.7079  536 536 324 0.6535 0.7218  5,280 5,276 3,045 2,653 0.5766 0.5028  4,281 4,354 9,23 9,91 0.2155 0.2275  1,219 1,319 9,23 9,91 0.2155 0.2275  1,22 119 1.0136 1.0167  1,281 4,355 9,23 9,91 0.2155 0.2275  1,28 1,28 1,22 119 1.0136 1.0167  1,319 899 720 1,450 0.8082 1.6306  1,417 2,427 1.2956 2.2941  6,518 507 441 394 0.8514 0.7771  1,54 147 9,2 118 0.5957 0.8037  1,54 147 9,2 118 0.5957 0.8037  1,1216 1.1216	9	Digestive System	2,602	2,177	2,070	1,602	0.7955	0.7358	-7.5%
3,548 3,545 3,132 3,289 0.8827 0.9277  1,346 1,343 986 1,014 0.7325 0.7549  246 224 220 209 0.8939 0.8554  520 513 392 363 0.7542 0.7079  1,319 1,319 984 0.6635 0.7285  1,319 1,319 984 0.6635 0.7285  1,280 5,280 5,276 0.7285 0.7285 0.7278  4,281 4,385 923 991 0.2185 0.2278  1,291 1,17 122 119 1.0186 1.0167  1,319 889 720 1,450 0.8856  1,058 1,058 1,311 2,427 1.2956 2.2941  1,104 0.7241 0.7241  1,319 1.014 0.7771  1,319 1.014 0.7771  1,319 1.015 1.0186 1.0187  1,411 394 0.8514 0.7771  1,411 394 0.8514 0.7771  1,411 394 0.8514 0.7771  1,411 394 0.8514 0.7771  1,1216 1.1216	7	Hepatobiliary System	376	373	438	397	1.1659	1.0632	-8.8%
uue         1,346         1,343         986         1,014         0.7325         0.7549           246         224         220         209         0.8939         0.8554           Bent         536         392         383         0.7542         0.7079           Safe         535         356         324         0.6635         0.7079           Figure         1,319         954         952         0.7235         0.7218           Act         4,281         4,285         963         0.5028           Act         4,281         4,365         963         0.5028           Act         4,281         4,365         963         0.5028           Act         1,20         117         122         119         1.0167           Act         1,281         483         720         1,450         0.8082         1.6306           Act         1,058         1,058         1,371         2,427         1,2956         2.2941           Act         46         45         86         1,8402         1,8141           Act         46         47         394         0.8514         0.7771           Act         46 <t< th=""><th>60</th><th>Musculoskeletal System</th><th>3,548</th><th>3,545</th><th>3,132</th><th>3,289</th><th>0.8827</th><th>0.9277</th><th>5.1%</th></t<>	60	Musculoskeletal System	3,548	3,545	3,132	3,289	0.8827	0.9277	5.1%
246         244         220         209         0.8939         0.8554           570         513         392         363         0.7542         0.7079           536         536         356         324         0.6557         0.7079           1,319         1,319         954         952         0.7235         0.7218           3,280         5,276         3,045         2,653         0.5766         0.5028           4,281         4,355         923         991         0.2155         0.2275           120         117         122         119         1.0167         1.0167           120         117         122         19         1.0167         1.0167           121         117         122         19         1.0167         1.0167           122         143         48         1.314         1.7188         1.0167           110         1,058         1,058         1,371         2,427         1.2956         2.2941           110         1,058         1,058         1,371         2,427         1.2956         2.2941           154         45         85         86         1.8402         1.8141         4.2395 <th>o,</th> <th>Skin/Subcutaneous Tissue</th> <th>1,346</th> <th>1,343</th> <th>986</th> <th>1,014</th> <th>0.7325</th> <th>0.7549</th> <th>3.1%</th>	o,	Skin/Subcutaneous Tissue	1,346	1,343	986	1,014	0.7325	0.7549	3.1%
Bern         526         513         392         363         0.7542         0.7079           Particular         536         536         354         0.6635         0.7218         0.72218         0.72218         0.72218         0.72	10 E	Endocrine/Nutritional	246	244	220	509	0.8939	0.8554	-4.3%
Bern         536         354         0.6635         0.6057           yettern         1,319         954         952         0.7235         0.7218           yettern         5,290         5,276         3,045         2,653         0.5766         0.5028           Add         4,355         923         991         0.2155         0.5028         0.5766         0.5028           Add         4,365         923         991         0.2155         0.2755         0.5028           Add         4,365         923         991         0.2155         0.2276         0.5276           Add         4,365         923         991         0.2155         0.2276         0.2276           Institute         117         122         119         1.0136         1.0167         1.0167           Add         893         720         1,450         0.8082         1.6306         1.6306           Mental         1,058         1,371         2,427         1,2956         2,2941           Add         45         85         18         1,8402         1,8141           Add         147         92         118         0.5857         0.8037           Add	=	Coney/Linary Tract	520	513	392	363	0.7542	6,707.0	-6.1%
1,319         1,319         1,319         1,319         1,319         0,5766         0,5786         0,5786         0,5786         0,528         0,5786         0,5028         0,5786         0,5028         0,5786         0,5028	12	Male Peproductive System	536	535	358	324	0.6635	0.6057	-8.7%
5,280         5,276         3,045         2,653         0,5766         0,5028           4,281         4,365         923         991         0,2155         0,2275           120         117         122         119         1 0136         1 0167           120         117         122         119         1 0136         1 0167           28         28         28         39         48         1 3914         1 7188           537         523         423         463         0 7871         0 8856         1 6366           Mental         1,058         1,371         2,427         1 2956         2 2941           Mental         1,058         1,371         2,427         1 2956         2 2941           46         45         85         86         1,8402         1 9141           46         45         85         86         1,8402         1 9141           154         147         92         118         0.5957         0.8037           7770         1         1         1         1.1216           7770         1         1         1         1           1         1         1         1 <th>13</th> <th>Semale Reproductive System</th> <th>1,319</th> <th>1,319</th> <th>954</th> <th>952</th> <th>0.7235</th> <th>0.7218</th> <th>-0.2%</th>	13	Semale Reproductive System	1,319	1,319	954	952	0.7235	0.7218	-0.2%
A,281     4,355     923     991     0,2155     0,2275       120     117     122     119     1,0136     1,0167       120     117     122     119     1,0167     1,0167       1058     1,058     1,058     1,058     1,058     1,058     1,058       1058     1,058     1,058     1,371     2,427     1,2956     2,2941       46     45     85     86     1,8402     1,9141       46     45     85     86     1,8402     1,9141       154     147     92     118     0,5857     0,8037       131      1,1216        1,1216	*	Pregnancy/Childhath	5,280	5,276	3,045	2,653	0.5766	0,5028	-12.8%
lasms 28 28 48 1.0167 1.7188 1.7188 1.7188 23 463 0.7871 0.8856 1.7188 1.720 1.450 0.8082 1.6306 1.058 1.058 1.371 2.427 1.2956 2.2941 1.058 1.058 1.371 2.427 1.2956 2.2941 1.058 1.058 1.371 2.427 1.2956 2.2941 1.058 1.058 1.371 2.427 1.2956 2.2941 1.058 1.058 1.371 2.427 1.2956 2.2941 1.058 1.058 1.058 1.058 1.05957	5	Vecnatal/Perinatal Period	4,281	4,355	923	166	0.2155	0.2275	5.6%
lasms         28         28         39         48         1.3914         1.7188           537         523         423         463         0 7871         0 8856           r         891         889         720         1,450         0 8082         1,6306           Mental         1,058         1,371         2,427         1,2956         2,2941           6cts         518         507         441         394         0,8514         0,7771           46         45         85         86         1,8402         1,9141           45         45         92         118         0,5957         0,8037           7771         37         746         7469         0,7400	16	Blood/Immunity	120	117	122	119	1.0136	1,0167	0.3%
r         837         523         423         463         0 7871         0 8856           r         891         889         720         1,450         0 8082         1,6306           Mental         1,058         1,371         2,427         1,2956         2,2941           6cts         507         441         394         0,8514         0,7771           46         45         85         86         1,8402         1,9141           154         147         92         118         0,5957         0,8037           mma         31          4,2395            1          1,1216	17	Myeloproliferative/Neoplasms	58	88	39	48	1.3914	1,7188	23 5%
Mental   1,058   1,371   2,427   1,2956   2,2941   1,058   1,371   2,427   1,2956   2,2941   1,058   1,371   2,427   1,2956   2,2941   1,058   1,371   3,94   0,8514   0,7771   1,946   1,9141	<b>€</b>	nfectious/Parasitic	537	523	423	463	0 7871	0.8856	12.5%
Mental 1,058 1,058 1,371 2,427 1,2956 2,2941 518 507 441 394 0,8514 0,7771 46 45 86 1,8402 1,9141 154 147 92 118 0,5957 0,8037 118 0,7740	6	Mental Disease/Disorder	891	688	720	1,450	0.8082	1.6306	101.8%
### 507 441 394 0.8514 0.7771  46 45 85 86 1.8402 1.9141  154 147 92 118 0.5957 0.8037    131	8	Substance Use/Organic Mental	1,058	1,058	1,371	2,427	1.2956	2.2941	77.1%
ma 1.9141 45 85 86 1.9141 1.91	~	mury, Poison, Toxic Effects	518	507	\$	394	0.8514	0,7771	·8.7%
ma	22		46	\$	85	88	1.8402	1.9141	<b>4.0%</b>
131 131	8	Other Factors/Contacts	154	147	92	118	0.5957	0.8037	34.9%
27 AGO 18 AM 20 AGO 18 AM 20 AGO 18 AM 20 AGO 18 AM 20 AGO 27 AGO	<b>5</b> *	Wultiple Significant Trauma		Ě		134		4,2395	****
17 460 15. 81 54. 63 17. 637. 647. 647. 647.	- 12	HV Infections			e e e e e e e e e e e e e e e e e e e	, <b>(2000</b>	*	1.1216	Assessa
1/00/0 +00/07   00/01   00+1/7	•	All Care	27,469	77,463	18,081	20,564	0.6874	0.7488	%6·8

EXHIBIT A-7: FY90 VERSION 4 AND VERSION 8 DRG GROUPER AIR FORCE CONUS HOSPITAL CMIS BY MDC

	MAJOR DIAGNOSTIC CATEGORY (MDC)	VERSION 4 DISP	VERSION 8 DISP	VERSION 4 RWPs	VERSION 8 RWPs	VERSION 4 CMI	VERSION 8 CMI	%AGE CHANGE IN CMI
_	Nervous System	3,373	3,349	2,743	3,057	0.8131	0.9127	12.3%
	Eye Disorders	1,697	1,700	1,09,1	1,160	0.6431	0.6821	6.1%
_	Ear/Nose/Mouth/Throat	6,776	13,233	3,210	7,909	0.4738	0.5977	26.2%
_	Respiratory System	7,089	7,050	7,276	6,914	1.0263	0,9808	.4.4%
_	Groutstory System	5,240	5,221	4,851	4,738	0.9258	0.9076	~2.0%
_	Digestive System	22,917	16,385	17,289	12,443	0.7544	0.7594	0.7%
_	Hepatobiliary System	2,925	2,908	3,612	3,351	1.2348	1.1522	·6.7%
_	Musculoskeletal System	11,288	11,268	10,187	10,370	0.9025	0.9203	2.0%
_	Skin/Subcutaneous Tissue	6,785	6,783	5,249	5,298	0.7736	0.7811	1.0%
_	Endocrine/Nutritional	2,232	2,223	1,848	1,680	0.8281	0.7559	.8.7%
_	Kichey/Lhinary Tract	2,995	2,991	2,397	2,216	0.8004	0,7407	.7.4%
	Male Reproductive System	2,693	2,678	1,832	1,685	0.6804	0.6291	.7.5%
-	Female Reproductive System	9,872	998'6	7,287	7,160	0.7382	0.7257	-1.7%
_	Pregnancy/Childbirth	28,503	29,454	16,100	14,087	0.5457	0.4783	-12.4%
-	Neonalal/Perinatal Period	21,227	21,548	4,219	4,440	0.1987	0.2061	3.7%
_	Blood/Immunity	905	998	930	885	1.0312	1.0220	%6·0-
_	Myeloproliferative/Neoplasms	457	457	516	629	1.1294	1.3765	21.9%
_	Infectious/Parasitic	2,16:	2,083	1,614	1,659	0.7440	0.7965	7.1%
<u></u>	Mental Disease/Disorder	1,520	1,510	2,159	3,774	1.4206	2.4990	75.9%
_	Substance Use/Organic Mental	1,787	1,787	1,465	2,289	0.8198	1.2810	56.3%
2	Injury, Poison, Toxic Effects	1,692	1,645	1,410	1,269	0.8334	0,7712	.7.5%
22		126	128	164	170	1.3009	1.3512	3.9%
Ū	Other Factors/Contacts	1,716	1,648	006	1,108	0.5246	0.6721	28.1%
*	Multiple Significant Trauma		ß		224		4.4293	***************************************
5	Hav Infections		8		116		2.3169	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0.00		0000			•

EXHIDIT A-8: FY90 VERSION 4 AND VERSION 8 DRG GROUPER AIR FORCE MEDICAL CENTER CMIS BY MDC

MAJOR DIAGNOSTIC CATEGORY (MDC)	VERSION 4 DISP.	VERSION 8 DISP.	VERSION 4 RWPs	VERSION 8 RWPs	VERSION 4	VERSION 8 CMI	%AGE CHANGE IN CMI
1 Nervous System	4,426	4,373	7,233	7,620	1.6341	1.7425	%9°9
2 Eye Disorders	2,423	2,423	1,964	2,077	0.8106	0.8574	5.8%
3 Ear/Nose/Mouth/Throat	4,557	7,378	3,103	5,728	0.6810	0.7764	14.0%
4 Respiratory System	5,496	5,446	9,359	9,516	1,7030	1,7474	2.6%
5 Circulatory System	10,458	10,600	17,343	18,111	1,6583	1.7086	3.0%
6 Digestive System	12,029	9,113	13,784	9,924	1.1459	1.0890	2.0%
7 Hepatobiliary System	2,048	2,033	3,888	3,668	1.8986	1.8043	.2.0%
8 Musculoskeletal System	9,024	9,003	11,810	11,702	1.3087	1.2998	0.7%
9 Skin/Subcutaneous Tissue	4,592	4,611	4,535	4,636	0.9877	1.0054	18%
10 Endocrine/Nutritional	1,768	1,761	2,009	1,903	1.1362	1.0806	4.9%
11 Kidney/Urinary Tract	3,155	3,177	4,012	4,025	1.2716	1,2668	.0.4%
12 Male Reproductive System	1,834	1,831	1,668	1,615	0.9096	0.8821	-3.0%
13 Female Reproductive System	4,310	4,308	3,957	3,880	0.9180	0.9007	.1.9%
14 Pregnancy/Childbirth	9,574	9,570	7.021	6,137	0.7334	0.6412	.12.6%
15 Neonatal/Perinatal Period	7,635	7,869	3,644	5,482	0.4772	0.6967	46.0%
16 Blood/Immunity	1,346	1,145	2,049	1,611	1.5224	1.4067	<b>.7.6%</b>
17 Myeloproliferative/Neoplasms	2,379	2,375	4,010	4,814	1.6854	2.0271	20.3%
18 Infectious/Parasitic	1,189	1,146	1,522	1,497	1.2802	1.3063	2.0%
19 Mental Disease/Disorder	2,449	2,444	3,980	7,551	1.6253	3.0896	90.1%
20 Substance Use/Organic Mental	1,294	1,294	1,576	2,187	1.2182	1.6898	38.7%
21 Injury, Poison, Toxic Effects	1,858	1,513	2,835	2,042	1.5267	1,3499	-11.5%
22 6uns	281	281	1,218	1,291	4.3338	4.5937	%D`9
23 Other Factors/Contacts	2.771	2,740	2,195	2,912	0.7922	1.0627	34.1%
24 Multiple Significant Trauma		য়		1,068		5,3144	
25 HIV Infections		252		954		3.7865	
All Care	968 96	96 AB7	114 715	121 952	1 1830	1 2587	7%

 $\circ$ EXHIBIT A-9: FY90 VERSION 4 AND VERSION 8 DRG GROUPER AIR FORCE OVERSEAS HOSPITAL CMIS BY I

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MAJOR DIAGNOSTIC CATEGORY (MDC)	VERSION 4 DISP	VERSION 8 DISP	VERSION 4 RWPs	VERSION P	VERSION 4 CMI	VERSION 8 CMI	%AGL CHANGE IN CMI
Nervous System	775	762	875	940	1.1290	1.2335	%6.6
Eye Disorders	428	424	284	296	0.6628	0.6988	5.4%
Ear/Nose/Mourt/Throat	1,585	2,988	777	1,870	0.4900	0.6259	27.7%
Respiratory System	296	862	985	962	1,0188	1,0001	.1.8%
Circulatory System	653	650	691	661	1.0576	1.0174	3.8%
Digestive System	3,772	2,341	2,755	1,774	0.7303	0.7578	3.8%
Hepatobiliary System	301	298	410	384	1.3622	1.2883	-5.4%
Musculoskeletal System	2,612	2,603	2,508	2,536	0.9600	0.9741	1.5%
Skin/Subcutaneous Tissue	1,055	1,045	821	875	0.7779	0.8377	7.7%
Endocrine/Nutritional	309	305	258	226	0 8339	0.7402	-11.2%
Koney/Uninary Tract	1,257	1,254	873	740	0.6948	0.5905	-15.0%
Male Reproductive System	578	571	363	337	0.6281	0.5899	6.1%
Female Reproductive System	1,237	1,236	912	906	0.7376	0.7330	%9°0~
Pregnancy/Childbirth	5,420	5,419	3,727	3,248	0.6876	0.5994	.12.8%
Neonatal/Permatal Period	4,328	4,437	1,184	1,643	0.2736	0.3703	35.4%
: Blood/Immunity	66	91	107	119	1,1474	1.3059	13.8%
Myeloproliferative/Neoplasms	84	8	112	102	1.3386	1.2132	-9.4%
Infectious/Parasitic	456	435	335	337	0.7340	0.7751	2.6%
Mental Disease/Disord	586	286	516	983	0.8798	1.6781	90.7%
Substance Use/Organic Mental	555	555	603	827	1.0869	1,4908	37.2%
Injury, Poison, Toxic Effects	365	328	304	267	0.8329	0.7447	-10.6%
100 mg 10	83	81	48	58	1.6407	1.9958	21.6%
Other Factors/Contacts	305	292	180	225	0.5905	0.7721	30.8%
Multiple Significant Trauma	*****	22	. 1	92		4.3883	
* HW Infections		æ		in.	· }	2.5668	Atoms
All Care	27,750	27,749	19,625	20,415	0.7072	0.7357	<b>4</b> .0%
		•		•	II ·		•